

**1674-1684 BROADWAY
HENRY APARTMENTS SITE A
BROOKLYN, NEW YORK**

Remedial Investigation Report

NYC VCP Site Number: 15CVCP148K

Prepared for:

Broadway Decatur Owners LLC
c/o Alembic Development Company, LLC
11 Hanover Square, Suite 701
New York, NY 10005
Attn: Mr. Michael McCarthy
mmccarthy@alembiccommunity.com

Prepared by:

Nelson, Pope & Voorhis, LLC
572 Walt Whitman Road
Melville, NY 11747
Attn: Mr. Eric C. Arnesen, LPG
earnesen@nelsonpope.com
631-427-5665
NPV Project No. 13110

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Eric C. Arnesen, LPG, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 1674-1684 Broadway, Henry Apartments Site A, (NYC VCP Site No. 15CVCP148K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

ERIC C. ARNESEN

6/25/15

Eric C. Arnesen

Qualified Environmental Professional

Date

Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 1674-1684 Broadway in the Bedford Stuyvesant section of Brooklyn, New York and is identified as Block 1503 and Lot 29 (previously Lots 29, 31, 34 and 38) on the New York City Tax Map. Figure 1 shows the property location. The subject property is 15,546-square feet and is bounded by mixed residential/commercial properties and Broadway to the north, Decatur Street to the south, Broadway to the east, and residential properties to the west. A map of the property boundary is shown in Figure 1. Currently, the property is a vacant lot.

For this VCP application, only the footprint of the proposed building of the subject property (the “Site”), will be considered. Figure 1 shows the Site Location and Site boundary. The portion of the property enrolled in the VCP is outlined in yellow in Figure 2.

Proposed Redevelopment Plan

The project involves the new construction of two (2) six-story supportive and affordable housing buildings on two (2) sites (the property which is the subject of this RIR, Site A, and a property to the south across Decatur Street, Site B). The buildings will collectively contain 134 permanent supportive and affordable housing units, 78 of which are set aside for NY/NYIII eligible individuals with severe and persistent mental illness, and families and individuals earning less than 60% of area median income. Seventy-eight (78) of the studio and one bedroom units are designated as permanent supportive housing units for single adults.

The building on Site A (the subject property) will consist of fifty-five(55) dwelling units including: forty (40) studio units, ten (10) one-bedroom units, and five (5) two-bedroom units, in addition to 2,600 SF of office and community space (used exclusively in support of the residential units), 2,800 SF of commercial space, and approximately 4,230 SF of outdoor recreation space. One two-bedroom unit will be set aside for a superintendent (serving both buildings) in the Site B building. The cellar level will be used for storage, and mechanical rooms.

The ground floor will contain the commercial and office space. Floors 2-6 will be used for the residential units.

The development will require excavation across the Site to a depth of approximately 12' below ground surface for the cellar level. Outside of the building footprint, there are 14 parking spaces and outdoor areas that include paved patios, gardens, tables and benches.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is C1-3/R6 denoting the property as mixed use commercial and residential. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Nelson, Pope & Voorhis, LLC conducted a Phase I Environmental Site Assessment (ESA) of the property at 1674-1684 Broadway in August 2014.

The subject property currently consists of a vacant lot. Previously, the property contained a two-story commercial building and a one-story commercial building with a loft, which collectively occupied approximately 5,270 square feet. The two-story commercial building contained a vacant commercial unit on the ground floor and office space for the adjacent hardware store on the second floor. The majority of the one-story commercial building was occupied by Henry Distributors hardware store and storage areas for the store, with an additional small commercial unit formerly utilized as a carpet, linoleum and tile store, and one (1) vacant commercial unit. These buildings were demolished in May of 2015. The remainder of the property consisted of two (2) paved areas for the parking of vehicles and storage space for the hardware store. The structures were reported to have been built in 1925 (according to the NYC Oasis resource).

Historical Sanborn maps show the Site was developed from at least 1888. The northwestern portion of the subject property contained a one-story store and two (2) small accessory structures in the 1888 Sanborn map; and, the eastern edge of the subject property contained one (1) three-story commercial building, three (3) one-story commercial buildings, and one (1) small accessory building in the 1908 Sanborn map. The existing buildings were present on the subject property in all of the remaining Sanborn maps, in addition to a one-story triangular building on the southeast corner of the subject property in the 1932-1987 Sanborn maps. The larger existing building was identified as a movie theatre with two (2) store units in the 1932-1951 Sanborn

maps, a warehouse with store units in the 1962-1979 Sanborn maps, and a church with commercial units in all of the remaining Sanborn maps. The occupants of the additional store units located on the subject property were not specifically identified in any of the Sanborn maps. The southwestern portion of the subject property was vacant in all of the available Sanborn maps, with the exception of the 1932 Sanborn map, when it was depicted as an area for “Open Air Movies,” and contained a small concession stand.

The AOCs identified for this site include:

1. Two (2) 275 gallon above ground storage tanks and an inactive fuel oil-fired boiler were observed in the basement beneath the hardware store building, buried by trash and storage materials. It was not possible to determine whether the storage tanks contained liquid or to inspect the concrete floor in the vicinity for staining; however, no fuel oil odors were noted and the tanks appeared to be inactive.
2. The laboratory analysis performed on the shallow soil sample collected from the basement of the building located on the subject property in 2014 exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins. However, it is possible that the metals found to exceed NYSDEC Soil Cleanup Objectives are naturally occurring in soils.
3. The results of a soil gas survey conducted on the subject property in 2014 revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins.

Summary of the Work Performed under the Remedial Investigation

PT Consultants under contract to Broadway Decatur Owners LLC and under the direction of Nelson, Pope & Voorhis performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the entire project Site, and collected six soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Attempted to install groundwater monitoring wells, but refusal was repeatedly encountered at depths of 32 to 39 feet below grade; therefore, no groundwater samples were collected; and
4. Installed two soil vapor probes around Site perimeter and collected two samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 63 feet.
2. Depth to groundwater is approximately 48 feet at the Site.
3. Groundwater flow is generally from east to west beneath the Site.
4. Depth to bedrock is unknown at the Site.
5. The stratigraphy of the site, from the surface down, consists of approximately 2 to 4 feet of fill underlain by silty fine to medium sands with traces of gravel.
6. Soil/fill samples collected during the RI were compared to NYSDEC 6NYCRR Part 375-6.8 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential Use SCOs. Soil/fill samples collected during the RI showed no PCBs in any sample. Trace concentrations of a few VOCs were detected with only acetone (0.0615 ppm), a common lab contaminant, detected above Unrestricted Use SCOs in a duplicate sample. Several Polycyclic Aromatic Hydrocarbon (PAH) SVOCs were detected but none exceeding their respective Unrestricted Use SCOs. The Pesticide 4,4'-DDD (max. of 0.0057 ppm) was detected above its Unrestricted Use SCO in a duplicate sample. 4,4'-DDT (max. of 0.0447 ppm) was also detected above its Unrestricted Use SCOs in one soil boring. Five

metals, including copper (max. of 59.8 ppm), iron (max. of 23,500 pm), lead (max. of 717 ppm), mercury (max. of 0.43 ppm) and zinc (max. of 396 ppm) were detected above their respective Unrestricted Use SCOs. Of these metals, iron and lead also exceeded Restricted Residential SCOs. The results are indicative of historic fill material. A summary table of data for chemical analyses performed on soil samples is included in Table 3.

7. Soil vapor samples collected during the RI were compared to the compounds listed in Vapor Intrusion Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Soil vapor sample results detected moderate levels of petroleum compounds and chlorinated VOCs. The total concentration of petroleum-related VOCs (BTEX) was 174.9 and 318 $\mu\text{g}/\text{m}^3$. Chlorinated compound including 1,1,1-trichloroethane, carbon tetrachloride and trichloroethylene (TCE) were not detected in any of the samples. Tetrachloroethylene (PCE) was detected in both samples at concentrations of 4.6 and 31 $\mu\text{g}/\text{m}^3$. All chlorinated compounds were below the monitoring and mitigation levels established by NYSDOH matrix. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 4.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Broadway Decatur Owners LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 7,620 square foot site located at 1674-1684 Broadway in the Bedford Stuyvesant section of Brooklyn, New York. Mixed commercial residential use is proposed for the property. The RI work was performed between May 15, 2015 and May 28, 2015. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 1674-1684 Broadway in the Bedford Stuyvesant section of Brooklyn, New York and is identified as Block 1503 and Lot 29 (previously Lots 29, 31, 34 and 38) on the New York City Tax Map. Figure 1 shows the property location. The subject property is 15,546-square feet and is bounded by mixed residential/commercial properties and Broadway to the north, Decatur Street to the south, Broadway to the east, and residential properties to the west. A map of the property boundary is shown in Figure 1. Currently, the Site is a vacant lot.

For this VCP application, only the footprint of the proposed building of the subject property (the “Site”), will be considered (Figure 2). Figure 1 shows the Site Location and Site boundary.

1.2 Proposed Redevelopment Plan

The project involves the new construction of two (2) six-story supportive and affordable housing buildings on two (2) sites (the property which is the subject of this RIR, Site A, and a property to the south across Decatur Street, Site B). The buildings will collectively contain 134 permanent supportive and affordable housing units, 78 of which are set aside for NY/NYIII eligible individuals with severe and persistent mental illness, and families and individuals earning less than 60% of area median income. Seventy-eight (78) of the studio and one bedroom units are designated as permanent supportive housing units for single adults.

The building on Site A (the subject property) will consist of fifty-five (55) dwelling units including: forty (40) studio units, ten (10) one-bedroom units, and five (5) two-bedroom units,

in addition to 2,600 SF of office and community space (used exclusively in support of the residential units), 2,800 SF of commercial space, and approximately 4,230 SF of outdoor recreation space. One two-bedroom unit will be set aside for a superintendent (serving both buildings) in the Site B building. The cellar level will be used for storage, and mechanical rooms. The ground floor will contain the commercial and office space. Floors 2-6 will be used for the residential units.

The development will require excavation across the Site to a depth of approximately 12' below ground surface for the cellar level. Outside of the building footprint, there are 14 parking spaces and outdoor areas that include paved patios, gardens, tables and benches.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is C1-3/R6 denoting the property as mixed use commercial and residential. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

This property is identified on the New York City Tax Map as Block 1503, Lot 29 (previously Lots 29, 31, 34 and 38) and occupies approximately 15,546 SF of land. The property is located on the northwest corner of Broadway and Decatur Street. Currently, the subject property is vacant. The property is bounded by commercial businesses across Broadway to the north and east, residential walkups to the south across Decatur Street as well as commercial and residential properties bordering the property to the west. Superior Day Care Center is located approximately 400 feet to the southeast of the Site. There are no hospitals, schools or other day care facilities within 500 feet of the Site.

Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

The subject property currently consists of a vacant lot. Previously, the property contained a two-story commercial building and a one-story commercial building with a loft, which collectively occupied approximately 5,270 square feet. The two-story commercial building contained a vacant commercial unit on the ground floor and office space for the adjacent hardware store on the second floor. The majority of the one-story commercial building was occupied by Henry Distributors hardware store and storage areas for the store, with an additional small commercial unit formerly utilized as a carpet, linoleum and tile store, and one (1) vacant commercial unit. These buildings were demolished in May of 2015. The remainder of the property consisted of two (2) paved areas for the parking of vehicles and storage space for the hardware store. The structures were reported to have been built in 1925 (according to the NYC Oasis resource).

Historical Sanborn maps show the Site was developed from at least 1888. The northwestern portion of the subject property contained a one-story store and two (2) small accessory structures in the 1888 Sanborn map; and, the eastern edge of the subject property contained one (1) three-story commercial building, three (3) one-story commercial buildings, and one (1) small accessory building in the 1908 Sanborn map. The existing buildings were present on the subject property in all of the remaining Sanborn maps, in addition to a one-story triangular building on the southeast corner of the subject property in the 1932-1987 Sanborn maps. The larger existing building was identified as a movie theatre with two (2) store units in the 1932-1951 Sanborn maps, a warehouse with store units in the 1962-1979 Sanborn maps, and a church with commercial units in all of the remaining Sanborn maps. The occupants of the additional store units located on the subject property were not specifically identified in any of the Sanborn maps. The southwestern portion of the subject property was vacant in all of the available Sanborn maps, with the exception of the 1932 Sanborn map, when it was depicted as an area for “Open Air Movies,” and contained a small concession stand.

2.2 Previous Investigations

A limited Phase II ESA was performed by Nelson, Pope & Voorhis, LLC in February 2014 (Appendix 2). Six soil samples and two soil vapor samples were collected from three soil borings. Groundwater was not encountered during the Phase II.

Soil/fill samples collected during the Phase II showed no VOCs or PCBs in any of the soil samples. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected, but none exceeding Unrestricted Use SCOs. The pesticides 4,4'-DDE (max. of 40.1 µg/kg), 4,4'-DDD (max. of 30.2 µg/kg), 4,4'-DDT (max. of 65.5 µg/kg) exceeded Unrestricted Use SCOs in two shallow samples and one deep sample with chlordane (max. of 2,120 µg/kg) exceeding Unrestricted Use SCOs in one shallow sample. Several metals including copper (max. of 56.3 mg/kg), lead (max. of 920 mg/kg), mercury (max. of 2.2 mg/kg), and zinc (max. of 383 mg/kg) exceeded Unrestricted Use SCOs in one shallow sample. Of these metals, lead and mercury also exceeded Restricted Residential Use SCOs. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC.

Soil vapor results collected during the Phase II were compared to the compounds listed in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. The two soil vapor samples showed high levels of petroleum related VOCs in all soil vapor samples with total concentrations (BTEX) ranging from 289 µg/m³ to 1,068 µg/m³. Of the chlorinated VOCs, only tetrachloroethylene (PCE) was detected at 52 µg/m³ in one soil vapor sample. The concentration for PCE was above the monitoring level range established within the State DOH soil vapor guidance matrix.

2.3 Site Inspection

Mr. Eric Arnesen of Nelson, Pope & Voorhis, LLC performed a Site inspection on August 27, 2014. The Site reconnaissance consisted of observing conditions throughout accessible areas of the Site and around the perimeter of the Site. At the date of the inspection, the Site consisted of a two-story commercial building and a one-story commercial building with a loft, which collectively occupied approximately 5,270 square feet. All of the buildings on the property have been demolished and the site is currently vacant.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Two (2) 275 gallon above ground storage tanks and an inactive fuel oil-fired boiler were observed in the basement beneath the hardware store building, buried by trash and storage materials. It was not possible to determine whether the storage tanks contained liquid or to inspect the concrete floor in the vicinity for staining; however, no fuel oil odors were noted and the tanks appeared to be inactive.
2. The laboratory analysis performed on the shallow soil sample collected from the basement of the building located on the subject property in 2014 exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins. However, it is possible that the metals found to exceed NYSDEC Soil Cleanup Objectives are naturally occurring in soils.
3. The results of a soil gas survey conducted on the subject property in 2014 revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins.

Phase 1 Report is presented in Appendix 1.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Professional (QEP) responsible for preparation of this RIR is Eric C. Arnesen, LPG of NP&V.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

PT Consultants under contract to Broadway Decatur Owners LLC and under the direction of Nelson, Pope & Voorhis performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the entire project Site, and collected six soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Attempted to install groundwater monitoring wells, but refusal was repeatedly encountered at depths of 32 to 39 feet below grade; therefore, no groundwater samples were collected; and
4. Installed two soil vapor probes around Site perimeter and collected two samples for chemical analysis.

4.1 Geophysical Investigation

No Geophysical Survey was conducted as part of this investigation.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of three soil borings were installed using a direct-push drill rig. The borings were designated SB-1 through SB-3. All the soil borings were installed to 32 to 39 feet bgs.

From each of the direct-push soil borings, soil samples were continuously collected from grade to the boring termination depth and screened for evidence of contamination utilizing field observations (odor and/or staining) and a photoionization detector (PID). No staining, odors or elevated PID readings exceeding 13 ppm were observed in any of the borings. Details for each soil boring are provided in Table 1.

Boring logs were prepared by a geologist and are attached in Appendix 3. A map showing the location of soil borings is shown in Figure 5.

Groundwater Monitoring Well Construction

Originally, as proposed in the Phase II Work Plan (Short Form) a temporary groundwater monitoring well was scheduled to be installed as part of the investigation. Three attempts were made to install the well but refusal was encountered at depths ranging from 32 (Attempt #3), 38 (Attempt #1) and 39 (Attempt #2) feet below ground surface. It is unknown if refusal was the result of underlying bedrock or other obstruction (i.e. glacial erratic). Figure 6 depicts the location of each attempt and the depth at which refusal was encountered. Following consultation with OER it was decided to discontinue attempts to install the monitoring well. As a result, no groundwater samples were collected as part of this investigation.

Survey

The locations of each soil boring were measured in the field and depicted in Figure 5.

Water Level Measurement

Water level could not be measured since monitoring wells could not be installed during the RI. As a result, groundwater was not encountered but was determined to be approximately 42 feet below ground surface during the installing of geotechnical borings previously installed on the property.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

A Power Probe drilling rig was used to complete the site investigation. Two soil samples were collected from each of the three test borings (for a total of six soil samples) which were

submitted for laboratory analysis. A surface soil sample (from the 0-2 feet bgs interval) and subsurface soil sample [from the 10-12 feet bgs interval in the area of the building footprint (B-2 and B-3), and 4-6 feet interval in the proposed parking area (B-1)] were collected from each test boring. Samples were secured using a disposal plastic sleeve inserted into the exterior probe rods to eliminate the potential for cross contamination and the need for excessive decontamination procedures. All samples were placed on ice following collection through transport and delivery to the laboratory. QA/QC procedures included the collection of a duplicate sample from SB-1 as well as one trip and one field blank. All samples were transmitted under proper chain of custody procedures to Accutest Laboratories, a State-certified (ELAP) laboratory for confirmatory laboratory analyses.

Seven soil samples (including one duplicate) were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 1. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Groundwater samples are not collected during this RI since groundwater monitoring wells could not be installed.

Soil Vapor Sampling

A total of two soil vapor probes were installed and two soil vapor samples collected for chemical analysis during this RI. Soil vapor implants were installed to a depth of approximately 12 feet with a Power Probe drill rig and sampling occurred for the duration of 2 hours.

Samples were collected in appropriate sized Summa canisters that were certified clean by the laboratory and samples were analyzed by using USEPA Method TO-15 and the flow rate for both purging and sampling did not exceed 0.2 L/min.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. A container (box, plastic pail, etc.) served to keep the tracer gas in contact with the probe during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer gas prior to sampling. No significant presence of the tracer was detected prior to sampling.

Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 4. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Accutest Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Accutest Laboratories
Chemical Analytical Methods	Soil analytical methods: <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil and soil vapor are summarized in Table 3 and 4, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix 4.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Soil borings were advanced for the installation of the three soil sample locations, three groundwater monitoring installation attempts (one of which was at the location of soil sample boring SB-2) and the soil vapor probe point as part of this remedial investigation. Soils encountered underlying the site consisted of fill to depths ranging from two to four feet below ground surface followed by silty fine to medium sands with traces of gravel.

Hydrogeology

Groundwater was not encountered as part of this investigation. Based on structural soil borings installed at the subject property, the average depth to groundwater is approximately 42 feet below ground surface. Groundwater is expected to flow from east to west underneath the subject property.

5.2 Soil Chemistry

Review of the analytical results revealed that no PCBs were detected in any of the soil samples. Several volatile organic compounds (VOCs) were detected in all of the samples except for the sample collected from the 10-12 ft interval of SB-1. Of these detections, none were found to exceed their respective Unrestricted Use SCOs except for acetone, which was detected in the duplicate sample from SB-1 (10-12 ft interval). Since this compound was not detected in the sample from which this duplicate was taken and was not detected in any other soil samples collected it is suspected that it is reflective of laboratory contamination. Several semi-volatile organic compounds (SVOCs) were found to be present in all of the soil samples collected but none were found to exceed their respective Unrestricted Use SCOs. Pesticide compounds were only detected in the two soil samples collected from SB-1. Of these detections only the levels of 4,4'-DDT in the 0-2 ft sample and 4,4'-DDD in the duplicate sample from the 10-12 ft interval were found to exceed their respective Unrestricted SCOs but were below their respective Restricted Residential Use SCOs. Several metals were detected in all of the soil samples collected as part of this investigation. Only iron and lead were found to exceed both its Unrestricted Use and Restricted Residential Use SCOs. However, iron is typically elevated in the glacial till soils underlying the subject property and the detections are suspected to be reflective of naturally occurring conditions. Copper, mercury and zinc were found to exceed

their respective Unrestricted Use SCOs in the two samples and duplicate sample retrieved from SB-1.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 2. Figure 5A shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples could not be collected during the RI and therefore groundwater chemistry could not be determined.

5.4 Soil Vapor Chemistry

Soil vapor sampling results were compared to general background outdoor air levels and the NYSDOH guidelines for volatile organic chemicals in air. Soil vapor sample results detected moderate levels of petroleum compounds and chlorinated VOCs. The total concentration of petroleum-related VOCs (BTEX) was 174.9 and 318 $\mu\text{g}/\text{m}^3$. Of the detected chlorinated compounds, tetrachloroethylene was the only one detected at 4.6 and 31 $\mu\text{g}/\text{m}^3$ which are below or marginally exceeds the established air guideline of 30 $\mu\text{g}/\text{m}^3$. Samples did not detect 1,1,1-trichloroethane, carbon tetrachloride and trichloroethylene (TCE).

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 2.

Figure 5B shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

FIGURES



**FIGURE 1
LOCATION MAP**

**The Henry Apartments
Site A
Brooklyn**



Source: ESRI Web Mapping Service
Scale: 1 inch = 50 feet



Phase II ESA



Legend

 Property Boundary

FIGURE 2
GRID MAP HENRY APARTMENTS
Portion of Property Enrolled in VCP

Source: NYS Orthophotos, 2012
Scale: 1 inch = 40 feet



The Henry Apartments
Site A
Brooklyn
Remedial Action
Workplan







**FIGURE 5 A
SOIL SAMPLE DETECTIONS MAP
HENRY APARTMENTS**

**The Henry Apartments
Site A
Brooklyn**



Source: NYS Orthophotos, 2012
Scale: 1 inch = 40 feet



RIR

Acetone	366 ug/m3
Benzene	24 ug/m3
Carbon disulfide	3.4 ug/m3
Chloroform	8.8 ug/m3
Chloromethane	9.5 ug/m3
Cyclohexane	6.2 ug/m3
Dichlorodifluoromethane	6.4 ug/m3
Ethanol	45.8 ug/m3
Ethylbenzene	24 ug/m3
4-Ethyltoluene	12 ug/m3
Heptane	6.6 ug/m3
Hexane	11 ug/m3
Isopropyl Alcohol	109 ug/m3
Methyl ethyl ketone	20 ug/m3
Methyl Isobutyl Ketone	9.8 ug/m3
Propylene	76.6 ug/m3
Styrene	4.7 ug/m3
1,2,4-Trimethylbenzene	34 ug/m3
1,3,5 Trimethylbenzene	9.3 ug/m3
2,2,4-Trimethylpentane	43 ug/m3
Tertiary Butyl Alcohol	20 ug/m3
Tetrachloroethylene	4.6 ug/m3
Toluene	130 ug/m3
Trichlorofluoromethane	24 ug/m3
m,p-Xylene	103 ug/m3
o-Xylene	37 ug/m3
Xylenes (total)	139 ug/m3

Legend

-  Soil Vapor Samples
-  Approximate Building Footprint
-  Subject Property
-  Boundary

Acetone	1400 ug/m3
Benzene	6.7 ug/m3
Chloroform	4.9 ug/m3
Dichlorodifluoromethane	6.4 ug/m3
Ethanol	23.7 ug/m3
Ethylbenzene	17 ug/m3
Ethyl Acetate	8.6 ug/m3
4-Ethyltoluene	7.4 ug/m3
Heptane	5.3 ug/m3
Hexane	4.6 ug/m3
2-Hexanone	12 ug/m3
Isopropyl Alcohol	11 ug/m3
Methyl ethyl ketone	69.9 ug/m3
Propylene	20.6 ug/m3
Styrene	3.7 ug/m3
1,2,4-Trimethylbenzene	31 ug/m3
1,3,5 Trimethylbenzene	8.4 ug/m3
Tertiary Butyl Alcohol	18 ug/m3
Tetrachloroethylene	31 ug/m3
Toluene	53.1 ug/m3
Trichlorofluoromethane	4.9 ug/m3
m,p-Xylene	72.1 ug/m3
o-Xylene	26 ug/m3
Xylenes (total)	98.2 ug/m3

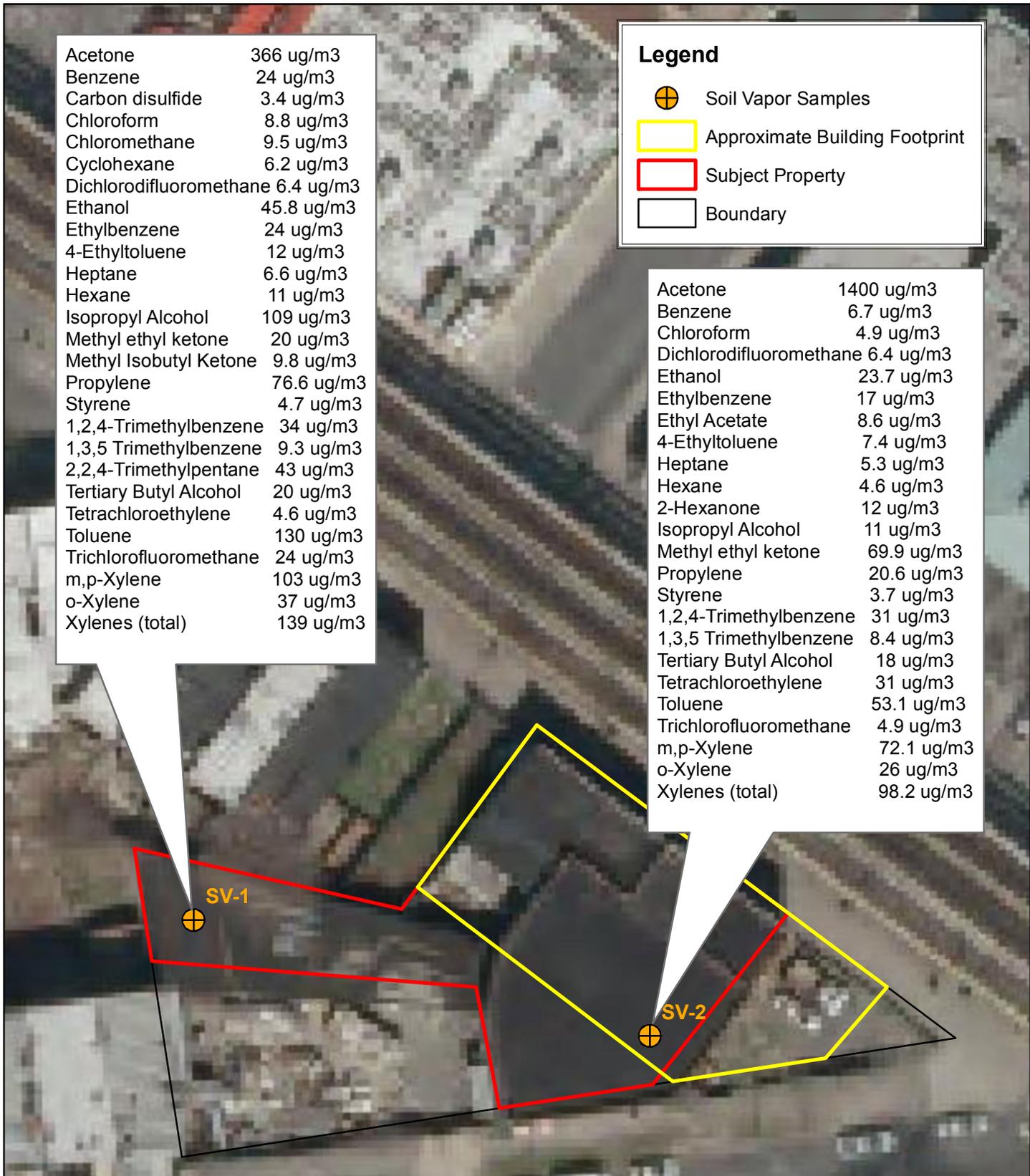


FIGURE 5 B
SOIL VAPOR DETECTIONS MAP
HENRY APARTMENTS

The Henry Apartments
Site A
Brooklyn



Source: NYS Orthophotos, 2012
 Scale: 1 inch = 40 feet



RIR



**FIGURE 6 - GROUNDWATER
 WELL INSTALLATION ATTEMPTS
 HENRY APARTMENTS - SITE A**

Source: NYS Orthophotos, 2012
 Scale: 1 inch = 40 feet



Table 1**Construction Details for Soil Borings and Monitoring Wells**

	Identification Number	Date of construction	Total Depth	Diameter	Ground surface elevation	Screened interval (Elevation Range)	Construction Material (PVC, steel, etc)	GPS Coordinates
Soil Borings	SB-1	5/15/15	12 ft	2 in	Unknown	NA	NA	NA
	SB-1A	5/15/15	7 ft	2 in	Unknown	NA	NA	NA
	SB-2/TW-1	5/15/15	38 ft	2 in	Unknown	NA	NA	NA
	TW-1B	5/28/15	39 ft	2 in	Unknown	NA	NA	NA
	SB-3	5/15/15	12 ft	2 in	Unknown	NA	NA	NA
	SB-4	5/15/15	12 ft	2 in	Unknown	NA	NA	NA
	SB-5	5/15/15	12 ft	2 in	Unknown	NA	NA	NA
	SB-6	5/15/15	12 ft	2 in	Unknown	NA	NA	NA

Table 2**Analytical Methods Summary**

Matrix	Number of Samples	Analytical parameters measured	Analytical methods	Number of duplicate samples	Number and type of QA/QC samples
Soil	6	VOC, SVOC Pesticides, Herbicides, PCBs, Metals	Volatile Organic Compounds by EPA Method 8260; Semi-volatile organic compounds by EPA Method 8270; Pesticides/PCBs by EPA Method 8081/8082; and Target Analyte List metals by EPA Method 6010 and 7471	1	1 Trip Blank 1 Field Blank
Soil vapor	2	VOC	TO-15	None	None

Table 3

Soil Sample Summary Results
 1676 Broadway, Brooklyn, New York
 PT Project No. 12245-01

Client Sample ID:		NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	SB-1-1	SB-1-2	SB-1-2-DUP	SB-2-1	SB-2-2	SB-3-1	SB-3-2
Lab Sample ID:					JB94847-1	JB94847-7	JB94847-4	JB94847-2	JB94847-6	JB94847-3	JB94847-5
Date Sampled:					5/15/2015	5/15/2015	5/15/2015	5/15/2015	5/15/2015	5/15/2015	5/15/2015
Matrix:					Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260C)											
Acetone	ug/kg	50	100000	100000	ND (2.4)	ND (2.6)	61.5	ND (2.4)	ND (2.6)	ND (2.5)	ND (2.8)
Methyl Acetate	ug/kg	NS	NS	NS	22	ND (1.0)	ND (0.92)	ND (0.93)	ND (0.99)	ND (0.97)	ND (1.1)
Methylene chloride	ug/kg	50	51000	100000	4.4 J	ND (1.1)	2.1 J	4.1 J	ND (1.1)	3.0 J	4.2 J
m,p-Xylene	ug/kg	260	100000	100000	ND (0.37)	ND (0.41)	ND (0.38)	ND (0.38)	0.66 J	ND (0.40)	ND (0.44)
Xylene (total)	ug/kg	260	100000	100000	ND (0.29)	ND (0.32)	ND (0.29)	ND (0.30)	0.90 J	ND (0.31)	ND (0.34)
GC/MS Semi-volatiles (SW846 8270D)											
Acenaphthene	ug/kg	20000	100000	100000	17.9 J	ND (7.2)	ND (6.8)	ND (7.2)	ND (6.9)	ND (7.3)	ND (8.1)
Acenaphthylene	ug/kg	100000	100000	100000	40.1	24.0 J	ND (5.1)	ND (5.4)	ND (5.2)	ND (5.4)	ND (6.0)
Anthracene	ug/kg	100000	100000	100000	77.9	40.1	55.7	ND (8.0)	ND (7.7)	ND (8.1)	ND (9.0)
Benzo(a)anthracene	ug/kg	1000	1000	1000	276	175	85.9	ND (6.9)	ND (6.6)	23.4 J	ND (7.7)
Benzo(a)pyrene	ug/kg	1000	1000	1000	280	175	92.6	ND (8.6)	ND (8.3)	21.2 J	ND (9.6)
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	356	222	107	ND (7.0)	ND (6.8)	27.0 J	ND (7.9)
Benzo(g,h,i)perylene	ug/kg	100000	100000	100000	178	116	59.1	ND (12)	ND (11)	ND (12)	ND (13)
Benzo(k)fluoranthene	ug/kg	800	1000	3900	120	83.4	45.1	ND (11)	ND (11)	ND (11)	ND (13)
Carbazole	ug/kg	NS	NS	NS	31.2 J	14.9 J	18.4 J	ND (7.9)	ND (7.6)	ND (8.0)	ND (8.9)
Chrysene	ug/kg	1000	1000	3900	304	183	97.6	ND (8.8)	ND (8.4)	20.2 J	ND (9.8)
Dibenzo(a,h)anthracene	ug/kg	330	330	330	53.5	31.8 J	14.3 J	ND (8.6)	ND (8.3)	ND (8.7)	ND (9.6)
Dibenzofuran	ug/kg	7000	14000	59000	18.7 J	14.6 J	ND (5.5)	ND (5.8)	ND (5.6)	ND (5.8)	ND (6.5)
Di-n-butyl phthalate	ug/kg	NS	100000	NS	102	ND (9.5)	ND (9.0)	ND (9.5)	ND (9.2)	ND (9.6)	ND (11)
bis(2-Ethylhexyl)phthalate	ug/kg	NS	50000	NS	355	ND (12)	ND (11)	ND (12)	ND (11)	ND (12)	ND (13)
Fluoranthene	ug/kg	100000	100000	100000	543	308	169	25.0 J	ND (12)	29.5 J	ND (14)
Fluorene	ug/kg	30000	100000	100000	26.5 J	ND (27)	ND (26)	ND (27)	ND (26)	ND (27)	ND (30)
Indeno(1,2,3-cd)pyrene	ug/kg	500	500	500	185	128	59.7	ND (11)	ND (11)	14.3 J	ND (13)
2-Methylnaphthalene	ug/kg	NS	410	NS	26.7 J	ND (8.1)	ND (7.8)	ND (8.2)	ND (7.9)	ND (8.3)	ND (9.2)
Naphthalene	ug/kg	12000	100000	100000	39.4	30.0 J	18.1 J	ND (5.3)	ND (5.1)	ND (5.3)	ND (5.9)
Phenanthrene	ug/kg	100000	100000	100000	275	140	122	18.7 J	ND (7.3)	14.6 J	ND (8.5)
Pyrene	ug/kg	100000	100000	100000	527	281	158	ND (8.1)	ND (7.8)	31.9 J	ND (9.0)

Notes:

BOLD & GRAYED = Exceeds New York Soil Cleanup Objective, Unrestricted Use

BOLD & BLACK = Exceeds New York Soil Cleanup Objective, Residential

NS = No Standard

^a More than 40 % RPD for detected concentrations between the two GC columns.

Table 3 continued

Soil Sample Summary Results
1676 Broadway, Brooklyn, New York
PT Project No. 12245-01

Client Sample ID:		NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	SB-1-1	SB-1-2	SB-1-2-DUP	SB-2-1	SB-2-2	SB-3-1	SB-3-2
Lab Sample ID:					JB94847-1	JB94847-7	JB94847-4	JB94847-2	JB94847-6	JB94847-3	JB94847-5
Date Sampled:					5/15/2015	5/15/2015	5/15/2015	5/15/2015	5/15/2015	5/15/2015	5/15/2015
Matrix:					Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC Semi-volatiles (SW846 8081B)											
gamma-BHC (Lindane)	ug/kg	100	280	1300	ND (0.32)	ND (0.34)	1.4 ^a	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.36)
alpha-Chlordane	ug/kg	94	910	4200	ND (0.38)	ND (0.39)	5.5 ^a	ND (0.38)	ND (0.39)	ND (0.39)	ND (0.42)
gamma-Chlordane	ug/kg	NS	540	NS	ND (0.54)	ND (0.56)	5.5 ^a	ND (0.55)	ND (0.55)	ND (0.56)	ND (0.61)
Dieldrin	ug/kg	5	39	200	ND (0.56)	ND (0.58)	2.6	ND (0.56)	ND (0.57)	ND (0.58)	ND (0.62)
4,4'-DDD	ug/kg	3.3	2600	13000	0.83 ^a	1.1	5.7	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.29)
4,4'-DDE	ug/kg	3.3	1800	8900	0.77	ND (0.25)	3.2	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.26)
4,4'-DDT	ug/kg	3.3	1700	7900	6.4	6.3	44.7	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.30)
Endosulfan sulfate	ug/kg	2400	4800	24000	ND (0.40)	ND (0.42)	1.7 ^a	ND (0.41)	ND (0.41)	ND (0.42)	ND (0.45)
Heptachlor epoxide	ug/kg	NS	77	NS	ND (0.29)	ND (0.31)	1.0 ^a	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.33)
Metals Analysis											
Aluminum	mg/kg	NS	NS	NS	8200	13100	8590	7390	10400	13400	7190
Antimony	mg/kg	NS	NS	NS	<2.1	<2.4	2.7	<2.2	<2.4	<2.3	<2.0
Arsenic	mg/kg	13	16	16	7	3.2	5.6	<2.2	<2.4	3.8	2.2
Barium	mg/kg	350	350	400	117	47.1	151	24.1	28.9	27.4	33.7
Beryllium	mg/kg	7.2	14	72	0.37	0.56	0.4	0.32	0.45	0.54	0.35
Cadmium	mg/kg	2.5	2.5	4.3	1.1	<0.60	1.9	<0.54	<0.60	<0.58	<0.50
Calcium	mg/kg	NS	NS	NS	13400	1040	19700	956	1000	1060	1280
Chromium	mg/kg	NS	NS	NS	20.9	29.9	22.3	14.6	29.4	21	18
Cobalt	mg/kg	NS	30	NS	6.8	9	6.4	5.6	7.1	7.8	6.3
Copper	mg/kg	50	270	270	59.8	15.7	56	10.1	16	9.3	10.4
Iron	mg/kg	NS	2000	NS	23500	23300	16900	12300	17800	19000	17900
Lead	mg/kg	63	400	400	274	7.4	717	3.7	5.6	7.3	6.4
Magnesium	mg/kg	NS	NS	NS	2990	3270	2760	2840	3660	2140	2120
Manganese	mg/kg	1600	2000	2000	316	459	331	290	288	305	431
Mercury	mg/kg	0.18	0.81	0.81	0.28	0.43	0.42	0.078	<0.035	0.061	<0.040
Nickel	mg/kg	30	140	310	18.5	16.8	20.5	12.3	17	11.3	12.4
Potassium	mg/kg	NS	NS	NS	1260	1460	1130	<1100	<1200	<1200	1030
Vanadium	mg/kg	NS	100	NS	28.2	34.6	29.5	20.4	29.3	29.8	26.1
Zinc	mg/kg	109	2200	10000	294	45.3	396	28.2	42	28.3	33.3

Notes:

BOLD & GRAYED = Exceeds New York Soil Cleanup Objective, Unrestricted Use

BOLD & BLACK = Exceeds New York Soil Cleanup Objective, Residential

NS = No Standard

^a More than 40 % RPD for detected concentrations between the two GC columns.

Table 4
Soil Vapor Samples-Detected Compounds
1676 Broadway, Brooklyn, New York
PT Project No. 12245-01

Client Sample ID:	Air Guideline Values Derived by the NYSDOH ¹	US EPA Target Shallow Soil Gas Contamination ²	SV-1	SV-2
Lab Sample ID:			JB95615-1	JB94847-13
Date Sampled:			5/28/2015	5/15/2015
Matrix:			Air	Air
GC/MS Volatiles (TO-15) - ug/m3				
Acetone	NS	3,500	366	1400
Benzene	NS	31	24	6.7
Carbon disulfide	NS	7,000	3.4	ND (0.34)
Chloroform	NS	11	8.8	4.9
Chloromethane	NS	240	9.5	ND (0.25)
Cyclohexane	NS	NS	6.2	ND (0.45)
Dichlorodifluoromethane	NS	2,000	6.4	6.4
Ethanol	NS	NS	45.8	23.7
Ethylbenzene	NS	220	24	17
Ethyl Acetate	NS	32,000	ND (0.90)	8.6
4-Ethyltoluene	NS	NS	12	7.4
Heptane	NS	NS	6.6	5.3
Hexane	NS	2,000	11	4.6
2-Hexanone	NS	NS	ND (0.74)	12
Isopropyl Alcohol	NS	NS	109	11
Methyl ethyl ketone	NS	10,000	20	69.9
Methyl Isobutyl Ketone	NS	800	9.8	ND (0.45)
Propylene	NS	NS	76.6	20.6
Styrene	NS	10,000	4.7	3.7
1,2,4-Trimethylbenzene	NS	60	34	31
1,3,5-Trimethylbenzene	NS	60	9.3	8.4
2,2,4-Trimethylpentane	NS	NS	43	ND (0.40)
Tertiary Butyl Alcohol	NS	NS	20	18
Tetrachloroethylene	100	81	4.6	31
Toluene	NS	4,000	130	53.1
Trichlorofluoromethane	NS	7,000	24	4.9
m,p-Xylene	NS	70,000	103	72.1
o-Xylene	NS	70,000	37	26
Xylenes (total)	NS	70,000	139	98.2

1: Values from NYSDOH Final Guidance for Evaluating Soil Vapor in the State of New York October 2006 Table 3.1

2: Values from OSWER Draft Subsurface Vapor Intrusion Guidance Table 2b: Question 4 Generic Screening Levels and Summary Sheet Risk = 1×10^{-5} . Standards from the column: Target Shallow Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor=0.1

BOLD & GRAYED = Exceeds Either Standard

NS = No Standard

Appendix 1

Phase I ESA Report

**Updated Phase I
Environmental Site Assessment**

1674-1684 Broadway

Brooklyn, New York

NP&V Job # 13110

August 29, 2014

Updated Phase I
Environmental Site Assessment
1674-1684 Broadway
Brooklyn, New York

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Prepared For:

Alembic Development Company, LLC
11 Hanover Square, Suite 701
New York, New York 10005
Contact: Reed Coston
Phone: (212) 566-8805 ext. 16

Prepared By:

Nelson, Pope & Voorhis, LLC
572 Walt Whitman Road
Melville, New York 11747
Contact: Charles Voorhis
Phone: (631) 427-5665

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**Updated Phase I
Environmental Site Assessment**

1674-1684 Broadway

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Updated Phase I
Environmental Site Assessment
1674-1684 Broadway

Brooklyn, New York

1.0 SUMMARY

The subject property has been inspected and reviewed independently by Nelson, Pope & Voorhis, LLC (NP&V) in order to determine potential environmental or public health concerns. This report is intended to identify Recognized Environmental Conditions (as defined in ASTM Standards on Environmental Site Assessments for Commercial Real Estate) on the subject property based on four (4) components of a Phase I Environmental Site Assessment (ESA): records review, site reconnaissance, interviews and evaluation and reporting.

The subject property, which consists of four (4) contiguous tax parcels, is located at 1674-1684 Broadway, Brooklyn, New York. The property is identified more specifically as City of New York Tax Number: Block 1503, Lots: 29, 31, 34 and 38. The parcels total 15,585 square feet (SF) (or 0.36 acres) in size; the overall property is irregularly shaped and is located on the southwest corner of Broadway and Decatur Street. The subject property is located within a very densely developed commercial and residential area.

The subject property currently contains a two-story commercial building and a one-story commercial building with a loft, which collectively occupy approximately 5,270 square feet. The two-story commercial building contains a vacant commercial unit on the ground floor and office space for the adjacent hardware store on the second floor. The majority of the one-story commercial building is occupied by Henry Distributors hardware store and storage areas for the store, with an additional small commercial unit formerly utilized as a carpet, linoleum and tile store, and one (1) vacant commercial unit. The remainder of the property consists of two (2) paved areas for the parking of vehicles and storage space for the hardware store. The structures, which were built in 1925 (according to the NYC Oasis resource), consist of masonry and wood framed buildings, situated on concrete slab, brick and stone foundations, that form partial basements with concrete floors beneath each structure. The exteriors of the buildings consist of brick façades and rolled rubber roofs. Interior surfaces in the commercial units include concrete, carpeted and hardwood floors, and painted plaster and sheetrock walls and ceilings. The existing buildings are connected to the New York City municipal sewer collection system and public water system. Electrical service is available to the property and is provided by Con Edison.

The two-story commercial building is heated by a natural gas-fired boiler located in the basement of the building. A natural gas-fired hot water heater and a natural gas meter were observed in the basement, in addition to an empty concrete tank vault that previously contained a storage tank. A sealed fuel oil fill port was also observed in the sidewalk adjacent to the basement. There was no evidence of staining or floor drains in the vicinity of the empty tank vault. The hardware

store building is presently heated by natural gas-fired, ceiling-mounted Modine heaters. Two (2) 275 gallon above ground storage tanks and an inactive fuel oil-fired boiler were observed in the basement beneath the hardware store building, buried by trash and storage materials. It was not possible to determine whether the storage tanks contained liquid or to inspect the concrete floor in the vicinity of the boiler for staining; however, no fuel oil odors were noted and the tanks appeared to be inactive.

An unused, empty 275 gallon storage tank was observed in the loft area of the hardware store; this area of the store appeared to be used for retail sales. The loft area and vacant outdoor areas were utilized for the storage of materials and garbage for the hardware store. Several empty paint cans and empty storage drums were observed in the paved parking area. Some staining was observed on the paved surface, although it is not expected to adversely affect the subsurface resources of the subject property since it is on an impervious surface. In addition, a gooseneck pipe was observed outside of the fencing of the southwestern paved storage area. This pipe evidenced a possible former sanitary system for the concession stand observed in previous Sanborn maps (identified below). There was no other evidence of any drums, floor drains, leaching pools or hazardous materials on the subject property. In addition, there was no other evidence of discharge, areas of stressed vegetation, staining, residue of oils or other toxic substances, pools of discharge, petroleum or chemical odors, or other such indicators noted during the site reconnaissance.

Aerial photographs from 1954, 1966, 1975, 1984, 1994, 2006, 2009 and 2011 were reviewed in order to determine if any prior uses occupied the subject property. The subject property appeared to be developed with the existing buildings in all of the available aerial photographs, and an additional triangular building was present on the southeastern corner of the subject property in the 1954-1984 aerial photographs. The triangular building was not present on the subject property in the latter aerials. The southwestern portion of the property was vacant in all of the aerial photographs. The surrounding area was very densely developed with very little open space or green areas present in all of the aerial photographs.

Sanborn map coverage from 1888, 1908, 1932, 1951, 1962, 1965, 1976, 1978-1980, 1982, 1987, 1988, 1991-1993, 1995, and 2001-2007 was available for the subject property. These maps were reviewed in order to determine the prior uses of the subject property and surrounding area. The northwestern portion of the subject property contained a one-story store and two (2) small accessory structures in the 1888 Sanborn map; and, the eastern edge of the subject property contained one (1) three-story commercial building, three (3) one-story commercial buildings, and one (1) small accessory building in the 1908 Sanborn map. The surrounding area was moderately developed during these years, primarily with dwellings and some stores along Broadway. The existing buildings were present on the subject property in all of the remaining Sanborn maps, in addition to a one-story triangular building on the southeast corner of the subject property in the 1932-1987 Sanborn maps. The larger existing building was identified as a movie theatre with two (2) store units in the 1932-1951 Sanborn maps, a warehouse with store units in the 1962-1979 Sanborn maps, and a church with commercial units in all of the remaining Sanborn maps. The occupants of the additional store units located on the subject property were not specifically identified in any of the Sanborn maps. The southwestern portion of the subject

property was vacant in all of the available Sanborn maps, with the exception of the 1932 Sanborn map, when it was depicted as an area for “Open Air Movies,” and contained a small concession stand. The surrounding area was densely developed, primarily with dwellings and apartment buildings along Decatur Street and McDonough Street, and commercial uses, churches, and a shelter along Broadway.

USGS Brooklyn Quadrangle Maps from 1900, 1924, 1947, 1956, 1967, 1979 and 1995 were reviewed. This review revealed that the subject property appeared to be developed in the 1900-1947 topographic maps, and was located within a very densely developed area in all of the remaining topographic maps. The surrounding area appeared to be densely developed, with very little open space or green areas. There were several schools, libraries, fire stations, churches and other community facilities in the immediate vicinity of the subject property, in addition to several small parks and playgrounds and a large cemetery.

Based on a prior Phase I ESA completed by NP&V during May of 2013, for which this report is an update, two (2) recognized environmental conditions were identified in connection with the subject property. These conditions were due to the presence of above ground storage tanks and an inactive fuel oil-fired boiler in the basement beneath the hardware store building, as well as a gooseneck pipe evidencing a possible former sanitary system in the southwestern paved storage area of the property. The Department of Housing, Planning & Development (HPD) also expressed concerns regarding the environmental quality of the property due to existing site conditions and historical use of adjacent properties as dry cleaning and manufacturing facilities.

As a result, a Work Plan dated October, 2013 proposed that three (3) soil probes be installed on the property in order to collect soil samples as follows: from 0-2 feet below ground surface (bgs) as well as from the maximum excavation depth of the future building proposed for the property (15-17 feet bgs); groundwater samples should be collected from two (2) locations if groundwater is encountered within 30 feet bgs, and soil vapor samples should be collected from two (2) probes within the proposed building footprint. In addition, it was requested that a Ground Penetrating Radar (GPR) survey be performed in the paved parking areas in order to ensure that there are no storage tanks or sanitary structures remaining from past use of the property. The following provides a summary of the investigation that was implemented consistent with the approved Work Plan:

Soil Sampling

Shallow samples were collected from three (3) strategic locations on the site. One (1) sample was located in the southwestern paved area of the subject property, one (1) sample was located in the southeastern paved area of the subject property, and one (1) sample was collected from beneath the basement of the hardware store in the northern portion of the subject property. The shallow soil samples were collected from 0-2 feet bgs in each of the paved parking areas, and from 10-12 feet bgs (0-2 feet beneath the depth of the existing basement foundation) in the hardware store basement.

Two (2) soil probes were drilled to a depth of thirty (30) feet and terminated, since groundwater was not encountered within that depth beneath the subject property. These probes were installed in the southwestern and southeastern paved parking areas of the property and soil samples were collected from each at a depth of 15-17 feet below grade, since the proposed structure for the subject property was to be situated on a basement foundation.

The deep sample collected from the basement of the hardware store was collected at a depth of 15-17 feet below grade utilizing a hand auger, since it was not possible to utilize the Power Probe unit in the basement.

Laboratory analysis performed on the three (3) shallow and three (3) deep soil samples from subject property exhibited slightly elevated concentrations of semi-volatile organic compounds, pesticides, and metals. None of the samples collected exhibited elevated concentrations of volatile organic compounds or PCBs. None of the constituents exceeded the guidance values for volatile organic compounds, semi-volatile organic compounds, pesticides or PCBs.

However, laboratory analysis of the shallow soil sample collected from the basement of the building located on the subject property exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins and it was concluded that the metals found to exceed NYSDEC Soil Cleanup Objectives may possibly naturally occur in soils.

None of the additional samples collected from the subject property exhibited elevated concentrations of volatile organic compounds, semi-volatile organic compounds, pesticides, PCBs or metals that exceeded the NYSDEC Soil Cleanup Objectives.

Based on these results, it was recommended that the regulatory agency be contacted to determine if remediation is appropriate with respect to the basement shallow soils on the property that exhibited concentrations in excess of regulatory Soil Cleanup Objectives. It was noted that the area of the property has historically been used for commercial and light industrial purposes and low concentrations of semi-volatile organic compounds and metals in soils may be ubiquitous.

Groundwater Sampling

Groundwater samples were not collected from the subject property since groundwater was not encountered within a depth of 30 feet bgs.

Soil Vapor Sampling

Two (2) temporary subsurface soil gas probes were installed at the subject property. One (1) subsurface soil gas probe was installed in the southeastern paved parking area of the subject property, and one (1) subsurface soil gas probe was installed beneath the concrete floor in the hardware store basement. In addition, indoor and outdoor ambient air samples were also collected so that the results may be compared with soil vapor results.

The laboratory analysis performed on soil vapor samples exhibited elevated concentrations of several of the volatile organic compounds analyzed.

New York State currently does not have any standards for concentrations of compounds in subsurface vapors. In the absence of this information, soil vapor sampling results were compared to general background outdoor air levels and the NYSDOH guidelines for volatile organic chemicals in air. Soil vapor results were also reviewed “as a whole” to identify trends and special variations in the data, as outlined in the manual.

Review of the soil vapor sampling conducted at the subject property detected elevated levels of several volatile organic compounds in soil vapor at both of the sample locations. In order to quantify these results, the detected compound concentrations were compared to the Upper Fence concentration

values provided within the NYSDOH 2006: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes which recorded levels of volatile organic compounds in air of homes heated with fuel oil. The levels within the NYSDOH 2006 study were utilized in accordance with the recommendations provided in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York which suggests the use of these values as initial benchmarks when evaluating air quality for residential uses. However, it should be recognized that these background levels are only for comparison purposes and are not intended to be established as regulatory standards.

Review of the analytical results revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins. The compounds identified in the soil vapor samples collected from the basement consisted of: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, chloroform, cyclohexane, ethylbenzene, methylene chloride, n-heptane, n-hexane, o-xylene, m,p xylenes, tetrachloroethylene and toluene. The compounds identified in the soil vapor samples collected from the southeastern paved parking area consisted of: 1,2,4-trimethylbenzene, acetone, benzene, cyclohexane, ethylbenzene, methyl ethyl ketone (2-butanone), n-Heptane, n-Hexane, o-xylene, m,p xylenes and toluene. Since none of these compounds were detected in shallow or deep soil samples on the subject property, it is expected that these compounds originated from an off-site source and exist in groundwater underlying sites in the area.

Based on these results, it was recommended that appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant and/or a sub slab depressurization system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, it was also recommended these compounds should be included in a monitoring program to assess if changes in these levels occurs over time.

GPR Survey

Results of the GPR survey did not identify any anomalies typical of an underground storage tank or sanitary system on the subject property.

An extensive government records search found no potential sources of environmental degradation on the subject property. The subject property was not listed as an "E" designated site, or as an historic landmark. Several Federal, State and County documented regulated sites were also noted in the vicinity of the subject property. Specifically, one (1) NPL site and one (1) IHWDS site is located within one (1.0) mile of the subject property; one (1) SWF, one (1) active and 105 closed spill incidents as well as three (3) active and sixteen (16) closed LUST incidents are located within one-half (0.5) mile; In addition, there are ten (10) Petroleum Bulk Storage (PBS) facilities and thirty-three (33) RCRA Generators located within one-eighth (0.125) mile of the subject property.

This assessment has identified the following with respect to recognized environmental conditions, historic recognized environmental conditions and de minimus conditions in connection with the subject property, subject to the methodology and limitations of this report.

Three (3) recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.

1. Two (2) 275 gallon above ground storage tanks and an inactive fuel oil-fired boiler were observed in the basement beneath the hardware store building, buried by trash and storage materials. It was not possible to determine whether the storage tanks contained liquid or to inspect the concrete floor in the vicinity for staining; however, no fuel oil odors were noted and the tanks appeared to be inactive.
2. The laboratory analysis performed on the shallow soil sample collected from the basement of the building located on the subject property in 2013 exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins. However, it is possible that the metals found to exceed NYSDEC Soil Cleanup Objectives are naturally occurring in soils.
3. The results of a soil gas survey conducted on the subject property in 2013 revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins.

No controlled recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.

Four (4) de minimus conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review. Although these are de minimus conditions, recommendations are provided for each condition.

1. An empty concrete tank vault that previously contained a storage tank was observed in the basement beneath the two-story building, and a sealed fuel oil fill port was observed in the sidewalk adjacent to the basement. Since there was no evidence of staining or floor drains in the vicinity of the empty tank vault, the former storage tank is not expected to have adversely affected the subsurface resources of the subject property.
2. Some staining was observed in the southwestern outdoor storage area. Since this staining was observed on a paved surface, it is not expected to adversely affect the subsurface resources of the subject property.
3. Empty drums, empty paint cans, and assorted trash and debris were observed on the subject property. Although not expected to adversely impact the subject property, it is recommended that the drums, paint cans, trash and debris be removed.
4. There were four (4) active boiler violations associated with the two-story building, issued from 2008-2011 for failure to file annual boiler inspection reports. Since boiler records for this building indicated that the boiler was last inspected in April, 2012 and that no defects were identified, these violations are not expected to adversely affect the subject property. However, the violations should be addressed, and the property owner should

continue to comply with the New York City Building Department boiler regulations to avoid future violations.

No historic recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.

This report was completed in accordance with the standards set forth in the ASTM E 1527-13 and the USEPA AAI. ASTM protocols identify asbestos containing material (ACM) as non-scope issues. In the interest of serving the client, observations concerning ACM are included herein. This visual assessment should not be considered an asbestos survey which would be required for building demolition and/or identification of all possible sources of ACM, regardless of health danger. Based on observations made during the site reconnaissance, the following is noted:

1. No suspect ACM was observed during the reconnaissance of the subject property. However, if the building is to undergo major renovation or demolition all applicable New York City and New York State Department of Labor (Industrial Code 56) should be complied with, in connection with ACM.

NP&V has updated a prior Phase I Environmental Site Assessment prepared by NP&V, dated June 10, 2013 in conformance with the scope and limitations of ASTM Practice E 1527-13 and USEPA AAI for 1674-1684 Broadway in Brooklyn. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. In conclusion, this assessment has not revealed any historic environmental conditions; however, three (3) recognized environmental conditions and four (4) de minimus environmental conditions were noted in connection with the subject property, subject to the methodology and limitations of this report.

2.0 INTRODUCTION

2.1 PURPOSE

This report is intended to meet the format and requirements of the ASTM Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-13 and USEPA AAI standards. Banks, insurance companies and prospective property purchasers require an understanding of existing and past property conditions and uses in order to assess the potential liabilities associated with a site. This assessment has been completed by a qualified environmental professional as defined in ASTM Standards. The objectives of this Environmental Site Assessment are stated as follows:

- Establish a basis of understanding of past and present use in order to determine potential environmental and/or public health risk.
- Establish a basis of understanding of surrounding uses, and area environmental resources in order to determine if the property is affected by such uses or resources.
- Identify, to the extent feasible, *recognized environmental conditions* (i.e., potential risk caused by the presence of Hazardous Substances or Petroleum Products) in connection with the site and adjoining properties.
- Identify any known or potential items in noncompliance with applicable Local, State or Federal laws and regulations.
- Specify how any items in noncompliance with applicable Local, State or Federal laws and regulations can be brought into compliance.
- Confirm the absence of environmental problems or quantify potential environmental liabilities. In the event such findings cannot be made, recommend further environmental sampling.

The final purpose of the report is to utilize the information gained to report "Recognized Environmental Conditions", a very important term defined and utilized in the ASTM Standards. Recognized Environmental Conditions are defined as follows:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

2.2 DETAILED SCOPE OF SERVICES

This Updated ESA has been completed by Nelson, Pope & Voorhis, LLC, in accordance with ASTM standards. The following documentation is intended to provide the financing institution with the information related to the environmental and public health integrity of the subject property.

The report was completed utilizing a variety of techniques and sources of information. The following is a procedural account of the methodology for report preparation:

- 1) Field inspection of the site was conducted including indoor and outdoor facilities and interview of site personnel and property owners, to document facilities and operations, and to determine applicable Federal, State and Local laws and regulations.
- 2) Inspection of areas surrounding the site was conducted in order to document surrounding uses as related to the integrity of the subject site.
- 3) Federal government records were researched including the NPL site list, the CERCLIS site list, and RCRA Hazardous Waste TSD Facilities and Generator Lists, and ERNS lists to determine if the site or adjacent sites are included in listings.
- 4) State government records were researched including NYS Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Disposal site lists, landfills and solid waste disposal facilities, registered underground storage tanks (USTs), wastewater disposal sites, air emission sources, and leaking USTs/materials spill lists, to determine if the site or adjacent sites are included in listings.
- 5) City government records were researched including tank and drum registration, violations/enforcement action files.
- 6) Local government records were researched including zoning, assessor's records, building permit and Certificate of Occupancy to determine site compliance and history.
- 7) Records involving Transfer of Property were reviewed as available to determine site ownership and history where possible.
- 8) Published literature concerning on-site soils, and groundwater resources were reviewed as related to environmental audits to establish environmental resource information.
- 9) Additional interviews of past owners and operators, surrounding property owners/users were conducted as necessary.
- 10) Conclusions regarding the site were formulated based upon the above tasks.
- 11) No sampling of suspected recognized environmental conditions was completed as part of this report.
- 12) Non-scope issues such as asbestos, radon, lead based paint, wetlands, lead in drinking water, cultural and historic resources, endangered species, indoor air quality, mold, etc. are addressed with certain limitations noted herein. If obvious signs of such issues were observed during the site reconnaissance, such observations are indicated in the report. However, this report should not be considered a full asbestos survey, lead based paint report, wetlands delineation survey, mold assessment, etc. The recommendations of this will indicate if a full survey or report should be undertaken to fully determine if such issues exist on the subject property.

2.3 LIMITATIONS AND EXCEPTIONS

This report is dated, and is only valid for activities which occurred prior to the date of facility inspection. Activities, liabilities and alterations to environmental conditions documented in this report that may have occurred subsequent to the date of inspection are not included in this analysis.

There are several limitations of this study which should be understood. The study is intended to assess the potential for public health or environmental liabilities based upon examination of the subject property in accordance with the ASTM Standards. The ASTM Standards provide specific guidance with regard to radon, asbestos, lead in drinking water and lead based paint.

Analysis of the CERCLA implications with regard to the innocent purchaser defense under Superfund, finds that naturally occurring radon is not subject to CERCLA liability and is appropriately considered as a non-scope issue. Accordingly, this survey will not address radon gas, and will not involve or recommend air monitoring for radon gas. As a point of information for users of this report, radon is a colorless, odorless, inert gas which has become a common air contaminant of concern in certain geographic areas. Radon is a natural isotope, which is present most commonly in association with crystalline bedrock and at times other geologic deposits. Natural isotope decay, can emit radiation which causes health concerns due to inhalation (**Sax and Lewis, 1987**). Radon levels generally increase in areas where bedrock is close to the land surface, and generally creates a health related problem only where underground basements are constructed which may allow radon gas to accumulate in a manner which would cause exposure. Geographically, radon may be of concern in some portions of western Long Island, New York City and nearby counties. Absent these conditions radon gas presents less of a concern. Similarly, the ASTM Standards do not recognize liability with regard to asbestos that is part of the building materials of a structure, in accordance with CERCLA innocent purchaser defense under Superfund. If asbestos containing material is disposed of on a site however, such practice would be subject to Superfund response actions and should be identified. In the interest of serving the client, and addressing the needs of lending institutions, this report will identify observed asbestos containing material (ACM) on the site which may cause a health danger or is considered friable, as a non-scope issue. This report is not a full asbestos survey as would be required for building demolition, or identification of all possible sources of ACM, regardless of health danger.

Lead in drinking water and lead based paint are also issues which are considered to be non-scope under CERCLA innocent purchaser defense under Superfund. Lead based paint has been in use for many years, and it is likely that most older buildings will contain this paint. As a general rule, painted surfaces should be maintained and ingestion of paint products should be avoided. If disposal of these materials is involved, disclosure of this practice would be subject to the scope of this environmental audit. Lead in drinking water occurs generally as a result of past use of high lead content solder. Water left stagnant in pipes overnight or longer, may leach lead from these joints and affect drinking water quality. As a general rule, water should be run for several minutes in the morning where such plumbing is present.

This report cannot identify all sources of PCB containing oils. Common sources of these materials include transformers and fluorescent lamp ballast. Electric service transformers may include ground level or pole mounted units. These transformers are owned and maintained by the local utility, the entity responsible for their use and integrity. Transformers are inventoried and periodically inspected. Generally, electrical transformers are not manufactured to contain PCB contaminated oils. Aggressive and destructive testing which would be required for

definitive identification of PCB's is beyond the scope of this study. The study will however identify observed potential sources, fluid leaks, hazardous materials and/or petroleum substance disposal and other environmental or health hazards appropriate the scope of the survey.

It must be noted that the accuracy of any Environmental Site Assessment is limited to the information available during the time of the site survey, and from the records, files and drawings provided by the owner and released by governmental agencies; and, the accuracy and completeness of the information provided during interviews. **Appendix A** of this report contains a Supplemental Statement of Conditions for Phase I Environmental Audits. This list was established by the Environmental Assessment Association (EAA) in order to standardize procedures and understanding with regard to the scope of environmental audits. Charles J. Voorhis is an active member of the EAA and is a Certified Environmental Inspector (CEI). Nelson, Pope & Voorhis, LLC (NP&V), may be contacted if there are any questions regarding this analysis or the methods involved. The resumes of key personnel involved in the preparation of this report are included in **Appendix B**.

2.4 SPECIAL TERMS AND CONDITIONS

It is the responsibility of the user of this report (for example, the purchaser, potential tenant, owner lender or property manager) to provide certain segments of information utilized in the report. This would include reporting of any *environmental liens* (i.e. consideration against property for response action, cleanup or remediation of hazardous substances or petroleum product) encumbering the property or specialized knowledge or experience that would assist in identifying *recognized environmental conditions*.

It must be recognized that the level of inquiry is variable for each Phase I Environmental Site Assessment, depending upon the availability of information and quality of information received. As per the ASTM Standards, it should also be noted that the "environmental professional is not required to verify independently the information provided but may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I Environmental Site Assessment or otherwise actually known to the environmental professional". Personnel involved in report preparation will make judgments on the accuracy of information and conduct additional research as necessary in order to meet the requirement of identifying recognized environmental conditions on the site. ASTM Standards provide a number of standards sources of historic information, any one of which may be sufficient. Nelson, Pope & Voorhis, LLC will seek to research as many sources of historic information as may be available as a means cross confirmation. Based on ASTM Standards, the Phase I Environmental Site Assessment is not intended to include any sampling or testing of materials associated with the project site (i.e. soil, water, air or building materials). Accordingly, this report will conform with this intent and no testing will be conducted.

2.5 USER RELIANCE

Nelson, Pope & Voorhis, LLC (NP&V) understands that our client (and their successors or assigns) are relying upon the contents of this Updated Phase I Environmental Site Assessment report for the above referenced property in making a loan secured by or affecting the property and/or acquiring the property as the case may be. The format of this Updated Phase I Environmental Site Assessment was predicated upon general guideline requirements established by individual lending institutions, American Society for Testing and Materials Standards (1527-13) and United States Environmental Protection Agency (USEPA) All Appropriate Inquiries (AAI) standards, various professional organizations, and our professional judgment.

The following entities can rely upon the contents of this Phase I ESA for the above referenced property in making a loan secured by or affecting the property and/or acquiring the property as the case may be.

1. The City of New York, including its officials and employees, and its successors and/or assigns
c/o Department of Housing Preservation & Development
2. Broadway Decatur Owners LLC, its successors and/or assigns
3. Broadway Decatur Housing Development Fund Corporation, its successors and/or assigns
4. Alembic Development Company, LLC, its successors and/or assigns
5. SUS-Mental Health Programs, Inc., its successors and/or assigns
6. Olive Branch Consulting, Ltd.
7. State of New York Mortgage Agency, its successors and/or assigns
8. Services for the Underserved, Inc., its successors and/or assigns

The date of inspection, key personnel in the preparation of the report, and a list of persons interviewed is provided below in order to provide further insight into methodology:

Project Commenced:	August 25, 2014
Inspection Date:	August 27, 2014
Report Date:	August 29, 2014
Inspector/Preparer:	Charles J. Voorhis, CEP, AICP Steven J. McGinn, CEI Eric Arnesen, LPG
Persons Interviewed	Stan Henry, Property Owner

3.0 SITE DESCRIPTION

3.1 OBJECTIVES

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the subject property. The site reconnaissance typically involves observing all areas of the building interiors, the heating and cooling units, the exteriors of the buildings and surrounding grounds.

3.2 METHODOLOGY

All areas of the interiors and exteriors of the buildings were observed during the site reconnaissance. This was completed with the assistance of Stan Henry, the property owner. The basements were accessed in order to determine if heating systems were present, and all other areas of the buildings were observed in order to identify any potential recognized environmental conditions present in the buildings. The exteriors of the buildings were examined for any potential pipes or structures which may indicate a potential recognized environmental condition that may be present. The exteriors of the buildings and remaining area which comprises the subject property were walked in order to identify potential recognized environmental conditions associated with the specific use of the subject property and the uses surrounding the subject property.

3.3 LIMITATIONS

There were no limitations encountered during the site reconnaissance of the subject property with the exception of the ability to observe the above ground storage tanks in the basement of the hardware store as noted in other sections of this report. All other areas of the property were inspected without impediments.

3.4 LOCATION, SETTING AND LEGAL DESCRIPTION

The subject property, which consists of four (4) contiguous tax parcels, is located at 1674-1684 Broadway, Brooklyn, New York. The property is identified more specifically as City of New York Tax Number: Block 1503, Lots: 29, 31, 34 and 38. The parcels total 15,585 square feet (SF) (or 0.36 acres) in size; the overall property is irregularly shaped and is located on the southwest corner of Broadway and Decatur Street. The subject property is located within a very densely developed commercial and residential area. **Figure 1** provides a location map depicting the subject property and the surrounding area. *All figures are located in a separate section immediately following the text of this report.*

3.5 EXISTING AND PAST USES

3.5.1 Current Uses of the Property

The subject property currently contains a two-story commercial building and a one-story commercial building with a loft, which collectively occupy approximately 5,270 square feet. The two-story commercial building contains a vacant commercial unit on the ground floor and office space for the hardware store on the second floor. The majority of the one-story commercial building is occupied by Henry Distributors hardware store and storage areas for the store, with an additional small commercial unit formerly utilized as a carpet, linoleum and tile store, and one (1) vacant commercial unit. The remainder of the property consists of two (2) paved areas for the parking of vehicles and storage space for the hardware store. A copy of a recent aerial illustrating the conditions on the subject property is provided as **Figure 2**.

In terms of available records, historical use can be documented using a variety of standard records. The intent is to trace land use to a period prior to 1940. For the purpose of this Environmental Site Assessment, as many sources as are reasonably available have been consulted. The following are considered standard historical sources:

- Aerial Photographs
- Fire Insurance Maps (Sanborn Maps)
- Property Tax Files
- Recorded Land Title Records
- USGS 7.5 Minute Topographic Maps
- Local Street Directories (Cole Directories)
- Building Department Records
- Zoning/Land Use Records

3.5.2 Aerial Photography

Aerial photographs from 1954, 1966, 1975, 1984, 1994, 2006, 2009 and 2011 were reviewed in order to determine if any prior uses occupied the subject property. The subject property appeared to be developed with the existing buildings in all of the available aerial photographs, and an additional triangular building was present on the southeastern corner of the subject property in the 1954-1984 aerial photographs. The triangular building was not present on the subject property in the latter aerials. The southwestern portion of the property was vacant in all of the aerial photographs. The surrounding area was very densely developed with very little open space or green areas present in all of the aerial photographs. Refer to **Appendix E** for copies of the aerial photographs.

3.5.3 Sanborn Maps

Sanborn map coverage from 1888, 1908, 1932, 1951, 1962, 1965, 1976, 1978-1980, 1982, 1987, 1988, 1991-1993, 1995, and 2001-2007 was available for the subject property. These maps were reviewed in order to determine the prior uses of the subject

property and surrounding area. The northwestern portion of the subject property contained a one-story store and two (2) small, accessory structures in the 1888 Sanborn map; and, the eastern edge of the subject property contained one (1) three-story commercial building, three (3) one-story commercial buildings, and one (1) small accessory building in the 1908 Sanborn map. The surrounding area was moderately developed during these years, primarily with dwellings and some stores along Broadway. The existing buildings were present on the subject property in all of the remaining Sanborn maps, in addition to a one-story triangular building on the southeast corner of the subject property in the 1932-1987 Sanborn maps. The larger existing building was identified as a movie theatre with two (2) store units in the 1932-1951 Sanborn maps, a warehouse with store units in the 1962-1979 Sanborn maps, and a church with commercial units in all of the remaining Sanborn maps. The occupants of the additional store units located on the subject property were not specifically identified in any of the Sanborn maps. The southwestern portion of the subject property was vacant in all of the available Sanborn maps, with the exception of the 1932 Sanborn map, when it was depicted as an area for "Open Air Movies," and contained a small concession stand. The surrounding area was densely developed, primarily with dwellings and apartment buildings along Decatur Street and McDonough Street, and commercial uses, churches, and a shelter along Broadway. Refer to **Appendix F** for copies of the Sanborn Maps.

3.5.4 USGS Topographic Maps

USGS Brooklyn Quadrangle Maps from 1900, 1924, 1947, 1956, 1967, 1979 and 1995 were reviewed. This review revealed that the subject property appeared to be developed in the 1900-1947 topographic maps, and was located within a very densely developed area in all of the remaining topographic maps. The surrounding area appeared to be densely developed, with very little open space or green areas. There were several schools, libraries, fire stations, churches and other community facilities in the immediate vicinity of the subject property, in addition to several small parks and playgrounds and a large cemetery. Refer to **Appendix G** for copies of the USGS Topographic Maps.

3.5.5 Other Sources

The EDR City Directory Abstract identified occupants of the properties surrounding the subject property for 1928, 1934, 1940, 1945, 1949, 1960, 1965, 1970, 1973, 1976, 1980, 1985, 1992, 1997, 2000, 2005, 2007 and 2012. This review revealed that the subject property contained commercial businesses in all of the listings. Previous commercial occupants of the subject property included: a paint store, a bedspread company, a refrigeration, radio & television company, a fish market, professional offices, a radio repair company, NY School of Modern Millinery, Traphagen School of Fashion, a cleaners, caterers, a fabric company, a cigar shop, a theatre, a farm poultry and eggs shop, a social club, a church, and additional retail stores. The most recent occupant for the subject property was identified as Henry Distributors, which has occupied the subject property since 2000. The occupants of the surrounding properties included a mix of commercial and residential tenants. The commercial facilities included: banks, restaurants, grocery stores, professional offices, medical offices, a transportation

company, a knitting mill, the Salvation Army, dry cleaning facilities, pharmacies, retail stores, etc. Refer to **Appendix H** for a copy of the EDR City Directory Abstract.

3.5.6 Data Gaps

The aerial photographs received exceeded the five (5) year interval in several consecutive photographs in the series as noted above. However, review of Sanborn Maps and historical aerial photographs reveal that the existing buildings were constructed around 1925 and that they have always contained commercial uses.

3.6 SITE AND VICINITY CHARACTERISTICS

The subject property currently contains a two-story commercial building and a one-story commercial building with a loft, which collectively occupy approximately 5,270 square feet. The two-story commercial building contains a vacant commercial unit on the ground floor and office space for the hardware store on the second floor. The majority of the one-story commercial building is occupied by Henry Distributors hardware store and storage areas for the store, with an additional small commercial unit utilized as a carpet, linoleum and tile store, and one (1) vacant commercial unit. The remainder of the property consists of two (2) paved areas for the parking of vehicles and storage space for the hardware store. **Appendix D** contains site photographs which depict typical views of the subject property. An aerial photograph depicting the existing conditions of the subject property is provided as **Figure 2**.

The area immediately surrounding the subject property is a mix of commercial and residential uses that are described in more detail in **Section 3.8**. An aerial photograph depicting the surrounding property uses is provided as **Figure 3**.

3.7 DESCRIPTION OF SITE IMPROVEMENTS

The subject property currently contains a two-story commercial building and a one-story commercial building with a loft, which collectively occupy approximately 5,270 square feet. The two-story commercial building contains a vacant commercial unit on the ground floor and office space for the hardware store on the second floor. The majority of the one-story commercial building is occupied by Henry Distributors hardware store and storage areas for the store, with an additional small commercial unit utilized as a carpet, linoleum and tile store, and one (1) vacant commercial unit. The remainder of the property consists of two (2) paved areas for the parking of vehicles and storage space for the hardware store. Following, is a specific description of construction materials and building characteristics:

Construction - The structures, which were built in 1925 (according to the NYC Oasis resource), consist of masonry and wood framed buildings, situated on concrete slab, brick and stone foundations that form partial basements with concrete floors beneath each structure. The exteriors of the buildings consist of brick façades and rolled rubber roofs.

Asbestos Containing Material (ACM) - No suspect ACM was observed during the reconnaissance of the subject property. However, if the building is to undergo major renovation or demolition all applicable New York City and New York State Department of Labor (Industrial Code 56) should be complied with, in connection with ACM.

Storage Tanks - An empty concrete tank vault that previously contained a storage tank was observed in the basement of the two-story building, and a sealed fuel oil fill port was observed in the sidewalk adjacent to the basement. There was no evidence of staining or floor drains in the vicinity of the empty tank vault. Two (2) 275 gallon above ground storage tanks and an inactive fuel oil-fired boiler were observed in the basement beneath the hardware store building, buried by trash and storage materials. It was not possible to determine whether the storage tanks contained liquid or to inspect the concrete floor in the vicinity for staining; however, no fuel oil odors were noted and the tanks appeared to be inactive. In addition, an unused, empty 275 gallon storage tank was observed in the loft area of the hardware store, which appeared to be for retail sale.

Drum Storage - Several empty, unused storage drums were observed in the paved storage area in the southwestern portion of the subject property.

Hazardous Substances or Pools of Liquids - No hazardous substances were identified on the subject property.

PCBs - No sources of PCBs were observed during the reconnaissance of the subject property.

Sanitary Disposal - No on-site sanitary systems were observed on the subject property. However, a gooseneck pipe, evidencing a possible sanitary system was observed outside of the fencing of the southwestern paved lot. However, the results of an investigation which is discussed in Section 4.4 did not reveal the presence of a sanitary system on the subject property.

Water Supply - The surrounding area is serviced by the City of New York water supply system, which maintains a distribution system in the area of the subject property.

Stormwater - No stormwater drainage features were observed during the reconnaissance of the subject property.

Wells - No potable water supply, monitoring or irrigation wells were observed during the reconnaissance of the subject property.

There was no other evidence of discharge, areas of stressed vegetation, staining, residue of oils or other toxic substances, pools of discharge, petroleum or chemical odors, or other such indicators noted during the site reconnaissance.

3.8 Adjacent Land Current/Past Uses

Current land use at the subject property and surrounding area is described based on visual observation. Land use adjacent the subject property is described as follows:

North - Broadway, beyond which are commercial businesses and the Salvation Army, followed by residential houses and apartment buildings.

South - Decatur Street, beyond which are residential homes, followed by Bainbridge Street.

East - Broadway and Decatur Street, beyond which are commercial properties, followed by residential houses and apartment buildings.

West - Multi-story residential houses and apartment buildings, beyond which is Thomas S. Boyland Street.

3.9 NATURAL SETTING

3.9.1 Soils and Topography

The surficial geology of a site can often provide insight into the past activities on a given parcel of land. The subject property is located in the Bedford-Stuyvesant section of Brooklyn. The area of the subject property has been historically developed for residential, commercial and industrial uses, and as a result, natural soils have been significantly altered. Accordingly, the soils on site and most of the area are a result of unconsolidated cut and fill land. The quality of subsoils, would primarily be dependent upon manmade influence due to historic activities on-site. The nature of the surrounding area consists of residential uses. The property has level topography. Neither soils nor topography appear to pose a constraint to the current use of the property.

3.9.2 Water Resources

Based on the subject property's location, it is expected that the direction of groundwater flow underlying the subject property is southeast towards Jamaica Bay.

Groundwater quality is of interest in determining the impact of various forms of land use on a given area. The primary health concerns with regard to groundwater quality is in areas where groundwater may be used for drinking water purposes. Due to the fact that deep aquifers are not used for drinking water in the vicinity of the subject property, water quality in the Upper Aquifer which is affected by land use is less important except under the following circumstances: 1) if gross contamination were present there would be potential contact with hazardous materials as a result of irrigation wells or stream flow; 2) significant contamination due to gasoline leakage or other hydrocarbons could result in a lens of non-aqueous phase liquid traveling atop groundwater liberating vapors to basements or unconsolidated deposits near the water table; 3) Upper Aquifer contamination in the contributing area of a private water supply causing the potential for ingestion of contaminants. Absent any of these conditions, the quality of groundwater beneath the subject property is of little consequence from strictly a public health perspective.

In review of the subject property, it is not expected that groundwater quality would have extreme consequences concerning the subject property. The building was constructed above a concrete basement foundation and does not have a documented history of organic

vapor release. Also, public water is available to the property. In addition, with regard to the subject property specifically, there have been no identified or reported sources of groundwater contamination or releases. Given the lack of potential contact between site users and groundwater, no further action is recommended regarding this issue concerning the subject property. Potential impact related to soil gas will be discussed in **Section 9.2**.

3.9.3 Wetlands

The subject property was inspected to identify the possible presence of any wetland vegetation and/or water surfaces that would sustain wetland vegetation. The site reconnaissance revealed no wetlands or wetland species located on the subject property. Review of National Wetland Inventory Maps, **Figure 6**, verified that there are no designated wetlands on the subject property, or within approximately one (1.0) mile of the subject property.

3.9.4 Coastal Barrier Improvements/Flood Plains

The subject property is not located in the vicinity of a coastal area; therefore, no coastal barrier improvements exist or are required. The subject property is located in Flood Zone X, an area of minimal flooding, on the FEMA flood map, **Figure 7**.

3.9.5 Critical Habitat/Endangered Species

The NYSDEC Environmental Resource Mapper identified the subject property as being within the vicinity of one (1) endangered rare animal, the American Burying Beetle. This is not a listed item for assessment in a Phase I ESA, but is so noted as part of the environmental search. No rare or endangered species were observed during the site reconnaissance.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

A Chain of Title Report was not provided for review as part of this Phase I ESA.

4.2 Environmental Liens or Activity and Use Limitations

No environmental liens appear to have been imposed on the subject property. No other activity or use limitations have been imposed on the subject property to best of our knowledge.

4.3 Specialized Knowledge

Any specialized knowledge offered by Stan Henry, the property owner, has been included previously in this report.

4.4 Commonly Known or Reasonably Ascertainable Information

Based on a prior Phase I ESA completed by NP&V during May of 2013, for which this report is an update, two (2) recognized environmental conditions were identified in connection with the subject property. These conditions were due to the presence of above ground storage tanks and an inactive fuel oil-fired boiler in the basement beneath the hardware store building, as well as a gooseneck pipe evidencing a possible former sanitary system in the southwestern paved storage area of the property. The Department of Housing, Planning & Development (HPD) also expressed concerns regarding the environmental quality of the property due to existing site conditions and historical use of adjacent properties as dry cleaning and manufacturing facilities.

As a result, a Work Plan dated October, 2013 proposed that three (3) soil probes should be installed on the property in order to collect soil samples as follows: from 0-2 feet below ground surface (bgs) as well as from the maximum excavation depth of the future building proposed for the property (15-17 feet bgs); groundwater samples should be collected from two (2) locations if groundwater is encountered within 30 feet bgs, and soil vapor samples should be collected from two (2) probes within the proposed building footprint. In addition, it was requested that a Ground Penetrating Radar (GPR) survey be performed in the paved parking areas in order to ensure that there are no storage tanks or sanitary structures remaining from past use of the property. The following provides a summary of that investigation:

Soil Sampling

Shallow samples were collected from three (3) strategic locations on the site. One (1) sample was located in the southwestern paved area of the subject property, one (1) sample was located in the southeastern paved area of the subject property, and one (1) sample was collected from beneath the basement of the hardware store in the northern portion of the subject property. The

shallow soil samples were collected from 0-2 feet bgs in each of the paved parking areas, and from 10-12 feet bgs (0-2 feet beneath the depth of the existing basement foundation) in the hardware store basement.

Two (2) soil probes were drilled to a depth of thirty (30) feet and terminated, since groundwater was not encountered on the subject property. These probes were installed in the southwestern and southeastern paved parking areas of the property and soil samples were collected from each at a depth of 15-17 feet below grade, since the proposed structure for the subject property will be situated on a basement foundation.

The deep sample collected from the basement of the hardware store was collected at a depth of 15-17 feet below grade utilizing a hand auger, since it was not possible to utilize the Power Probe unit in the basement.

Laboratory analysis performed on the three (3) shallow and three (3) deep soil samples from subject property exhibited slightly elevated concentrations of semi-volatile organic compounds, pesticides, and metals. None of the samples collected exhibited elevated concentrations of volatile organic compounds or PCBs. None of the constituents exceeded the guidance values for volatile organic compounds, semi-volatile organic compounds, pesticides or PCBs.

However, laboratory analysis of the shallow soil sample collected from the basement of the building located on the subject property exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins and it was concluded that the metals found to exceed NYSDEC Soil Cleanup Objectives may possibly naturally occur in soils.

None of the additional samples collected from the subject property exhibited elevated concentrations of volatile organic compounds, semi-volatile organic compounds, pesticides, PCBs or metals that exceeded the NYSDEC Soil Cleanup Objectives.

Based on these results, it was recommended that the regulatory agency be contacted to determine if remediation is appropriate with respect to the basement shallow soils on the property that exhibited concentrations in excess of regulatory Soil Cleanup Objectives. It was noted that the area of the property has historically been used for commercial and light industrial purposes and low concentrations of semi-volatile organic compounds and metals in soils may be ubiquitous.

Groundwater Sampling

Groundwater samples were not collected from the subject property since groundwater was not encountered within a depth of 30 feet bgs.

Soil Vapor Sampling

Two (2) temporary subsurface soil gas probes were installed at the subject property. One (1) subsurface soil gas probe was installed in the southeastern paved parking area of the subject property, and one (1) subsurface soil gas probe was installed beneath the concrete floor in the hardware store basement. In addition, indoor and outdoor ambient air samples were also collected so that the results may be compared with soil vapor results.

The laboratory analysis performed on soil vapor samples exhibited elevated concentrations of several of the volatile organic compounds analyzed.

New York State currently does not have any standards for concentrations of compounds in subsurface vapors. In the absence of this information, soil vapor sampling results were compared to general background outdoor air levels and the NYSDOH guidelines for volatile organic chemicals in air. Soil vapor results were also reviewed “as a whole” to identify trends and special variations in the data, as outlined in the manual.

Review of the soil vapor sampling conducted at the subject property detected elevated levels of several volatile organic compounds in soil vapor at both of the sample locations. In order to quantify these results, the detected compound concentrations were compared to the Upper Fence concentration values provided within the NYSDOH 2006: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes which recorded levels of volatile organic compounds in air of homes heated with fuel oil. The levels within the NYSDOH 2006 study were utilized in accordance with the recommendations provided in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York which suggests the use of these values as initial benchmarks when evaluating air quality for residential uses. However, it should be recognized that these background levels are only for comparison purposes and are not intended to be established as regulatory standards.

Review of the analytical results revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins. The compounds identified in the soil vapor samples collected from the basement consisted of: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, chloroform, cyclohexane, ethylbenzene, methylene chloride, n-heptane, n-hexane, o-xylene, m,p xylenes, tetrachloroethylene and toluene. The compounds identified in the soil vapor samples collected from the southeastern paved parking area consisted of: 1,2,4-trimethylbenzene, acetone, benzene, cyclohexane, ethylbenzene, methyl ethyl ketone (2-butanone), n-Heptane, n-Hexane, o-xylene, m,p xylenes, and toluene. Since none of these compounds were detected in shallow or deep soil samples on the subject property, it is expected that these compounds originated from an off-site source and exist in groundwater underlying sites in the area.

Based on these results, it was recommended that appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant and/or a sub slab depressurization system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, it was also recommended these compounds should be included in a monitoring program to assess if changes in these levels occurs over time.

GPR Survey

Results of the GPR survey did not identify any anomalies typical of an underground storage tank or sanitary system on the subject property.

No other commonly known or reasonably ascertainable information was available for the subject property.

4.5 Property Valuation Reduction for Environmental Issues

Based on the reconnaissance and documentation review conducted as part of this Phase I ESA, no reduction in the price of the land is warranted due to the presence of hazardous or toxic materials, provided the conditions outlined in *Section 6.0* are adequately addressed.

4.6 Owner, Property Manager and Occupant Information

The subject property is owned by Alembic Community Development.

4.7 Reason for Performing Phase I ESA

This Phase I ESA has been completed as part of the due diligence for the refinancing of the subject property.

5.0 ENVIRONMENTAL RECORDS REVIEW

With the understanding of the facilities at the subject property, it is important to establish the environmental and regulatory conditions of the subject property and surrounding area, as related to public health and environmental issues. This section of the report includes a review of agency records, soils and groundwater resources. The site inspection and the environmental and regulatory conditions form the basis for conclusions regarding the risks and liabilities associated with the subject property.

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

A search of Federal, State and Local databases was performed in order to provide a profile of the subject property and surrounding area with regard to published government agency records. The procedures employed adhere as closely as possible to ASTM standards.

Contact was made with the United States Environmental Protection Agency (USEPA), the New York State Department of Environmental Conservation (NYSDEC), the City of New York Department of Health, and local government regarding environmental and/or public health concerns associated with the subject property.

5.1.1 United States Environmental Protection Agency

The United States Environmental Protection Agency was contacted in order to obtain information regarding the National Priorities List (NPL), and sites documented on the Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS). The NPL defines all known hazardous material waste sites, which are described by the Federal Government as needing immediate cleanup action. All hazardous material waste sites considered for addition to the NPL are listed in the CERCLIS list.

Review of the NPL Site List (search distance 1.0 mile), Delisted NPL Site List (search distance 0.5 miles) and the CERCLIS and CERCLIS No Further Remedial Action Plan (NFRAP) lists (search distance 0.5 miles) finds the following with respect to the subject property and surrounding area:

1. Subject property did not appear on the NPL, Delisted NPL or CERCLIS lists.
2. There were no sites appearing on the NPL list located within one (1.0) mile of the subject property.
3. There were no sites appearing on the Delisted NPL list located within one half (0.5) mile of the subject property.
4. There were no sites appearing on the CERCLIS list located within one-half (0.5) mile of the subject property.
5. There were no sites appearing on the CERCLIS NFRAP list located within one-half (0.5) mile of the subject property.

The USEPA was also contacted in order to obtain information concerning RCRA TSD facilities (treatment, storage, and disposal of hazardous wastes, as defined and regulated by the Resource Conservation and Recovery Act, RCRA), and RCRA Generators (of hazardous wastes as defined and regulated by RCRA). RCRA TSD facilities are sites that treat, store or dispose of wastes that can be toxic, flammable, corrosive, explosive or otherwise hazardous; and, RCRA Generators are sites that generate or transport wastes of the above noted characteristics. The search also included review of the Emergency Response Notifications System (ERNS) list, which is a list of reported releases or spills in quantities greater than reportable quantities, Federal Permit Compliance System Toxic Wastewater Discharges (PCSTWD) which permits toxic wastewater discharges and Federal Civil Enforcement Docket (CED) which lists judiciary cases filed on behalf of the EPA by the Department of Justice.

Review of the RCRA TSD Facilities List (search distance 0.5 mile), the PCSTWD and CED facilities (search distance 0.25 mile), the RCRA Generator List (search distance, subject property and adjoining properties), and the ERNS List (search distance, subject property only) finds the following with respect to the subject property and surrounding area:

1. Subject property did not appear on the RCRA TSD Facilities List, or the ERNS List.
2. Subject property was not listed as a RCRA Generator.
3. The subject property was not listed as a Civil Enforcement Docket Facility.
4. The subject property was not listed for Permit Compliance System Toxic Wastewater Discharges.
5. There were no sites listed as a RCRA TSD facility identified within one half (0.5) mile of the subject property.
6. There were five (5) RCRA Generators listed within close proximity of the subject property. Information regarding the thirty (30) RCRA Generators within one-eighth (0.125) mile of the subject property is provided in **Appendix C**.
 - a. Con Edison (Facility ID# NYP004417838), located 37 feet to the southeast on the northwest corner of Rockaway Avenue and Brainbridge Street. No generator type was provided but the facility is listed as having produced 300 gallons of lead in 2014.
 - b. Con Edison (Facility ID# NYP004185427), located 66 feet to the northwest on Broadway and Schaefer Street, was EPA-classified as a conditionally exempt small quantity generator of lead (150 gals., 2009).
 - c. Con Edison (Facility ID# NYP004549028), located 135 feet to the south-southeast at 24 Rockaway Avenue. A generator classification was not provided for this facility and no hazardous waste activity was reported by New York State up to February 25, 2014.
 - d. Con Edison (Facility ID# NYP004488482), located 153 feet to the west at 731 Decatur Street. No generator type was provided but the facility is listed as having produced 60 gallons of lead in 2014.
 - e. Con Edison (Facility ID# NYP004438065), located at 603 Bainbridge Street. No generator type was provided but the facility is listed as having produced 50 gallons of lead in 2014.
7. There were no CED facilities within one-eighth (0.125) mile of the subject property.

8. There were no PCSTWD facilities located within one-eighth (0.125) mile of the subject property.

The RCRA Generator and TSD programs are intended to track the origin and destination of hazardous waste, and there is no indication that listing on these inventories constitutes an environmental threat. In addition, the Federal Facilities Index that includes resources conservation and Recovery Corrective Action Sites (CORRACTS) was reviewed. No facilities were identified. Detailed results of the search are included in **Appendix C**. Applicable State and Federal sites are listed in Sections 4.1.1 and 4.1.2.

5.1.2 New York State Department of Environmental Conservation (NYSDEC)

The NYSDEC is charged with the responsibility of registering inactive hazardous waste disposal sites, and administering the investigation and cleanup of such sites. The NYSDEC inventory is contained in the publication, Inactive Hazardous Waste Disposal Sites in New York State. The inventory provides the location, extent of contamination and remediation status of each listed site in New York State. Accordingly, the registry of the NYSDEC was consulted for information on Inactive Hazardous Waste Disposal Sites (IHWDS). The NYSDEC provides information regarding Hazardous Substance Waste Disposal Sites (HSWDS) that are sites contaminated with toxic substances but are not eligible for state cleanup funding programs. The NYSDEC provides information regarding Brownfield cleanup site - these are sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. Similarly, the NYSDEC is responsible for permitting Solid Waste Facilities (SWF) - these are facilities including landfills, incinerators, transfer stations and other solid waste management sites. The NYSDEC also registers Petroleum Bulk Storage (PBS) where the total storage capacity at the facility exceeds 1,100 gallons, Chemical Bulk Storage (CBS), Major Oil Storage Facilities (MOSF) and Toxic Release Inventory Sites (TRI). Finally, the NYSDEC regulates and monitors Air Discharges and NYS Toxic Spills which include Leaking Underground Storage Tanks (LUSTs).

Review of the IHWDS, Brownfield Sites and HSWDS Lists List (search distance 1.0 mile), SWF, CBS and MOSF lists, and LUST Lists (search distance 0.5 miles), TRI and Air Discharge sites (search distance 0.25 miles) and the PBS List (search distance, subject property and adjoining properties) finds the following with respect to the subject property and surrounding area:

1. The subject property was not listed as an IHWDS Brownfields or HSWDS site.
2. The subject property was not listed on the SWF, CBS, NYS Air Discharge or MOSF Lists.
3. The subject property was not listed on the NYS Toxic Spill site list.
4. The subject property was not listed as a TRI Site.
5. The subject property was not listed as a PBS facility.
6. The subject property was not listed as having a LUST incident.
7. There were was one (1) IHWDS site located within one (1.0) mile of the subject property.

- a. 192 Ralph Avenue (Facility ID# 224042), located 2,716 feet to the west is a facility that was classified as having a significant threat to the public health or environment with action required. The site contains a one (1) story building that includes a basement and is approximately 400 square feet in size. The building is also a portion of the Voluntary Cleanup Project site. A dry cleaner operated on the site from approximately 1946-1998. The concrete floor was removed as a result of the Initial Subsurface Investigation during 2002. The contamination identified (including PCE and TCE) appears to be associated with the former dry-cleaning facility operation. Completed investigations include a Subsurface Investigation (2002), a Remedial Investigation (2006), and a Supplemental Investigation (2007) conducted under the Voluntary Cleanup Program (VCP). Samples collected from the site building and from the adjacent commercial and residential buildings indicated soil vapor is impacting indoor air. Under the VCP, a mitigation system consisting of installation of a Soil Vapor Extraction System beneath the former dry-cleaners and adjacent office, and the installation of a vapor barrier in the basement of the former dry-cleaners was completed in 2008. Soil and groundwater contamination has also been identified at the site.
8. There were no HSWDS facilities located within one (1.0) mile of the subject property.
9. There were no Brownfields Sites located within one (1.0) mile of the subject property.
10. There were no SWF listings identified within close proximity to the subject property. Information regarding the one (1) facility located within one-half (0.5) mile of the subject property is provided in **Appendix C**.
11. There were five (5) State Registered PBS listings located within one-eighth (0.125) mile of the subject property.
 - a. Lydia McLaughlin (Facility ID# NY06214), located 83 feet to the west-northwest on MacDonough Street, listed a 1,080 gallon fuel oil storage tank from an archived database. No further information was provided regarding the tank.
 - b. Engine Company 233 (Facility ID# 2-357170), located 237 feet to the southeast at 25 Rockaway Avenue, is an active municipal facility that utilizes a 275 gallon above ground diesel storage tank that was installed in 2002 and a 4,000 gallon underground diesel storage tank that was installed in 2011. The site previously utilized a 4,000 gallon underground gasoline storage tank that was closed in place in 1997, a 3,000 gallon underground #2 fuel oil storage tank that was closed in place in 2002, and a 4,000 gallon underground diesel storage tank that was closed and removed in 2011. The facility's registration certificate expires 6/28/2013.
 - c. 789 McDonough Street HDFC (Facility ID# 2-466468), located 361 feet to the west-northwest at 789 McDonough Street. This facility is listed as utilizing one (1), 5,000 gallon above ground tank used for the storage of #2 fuel oil.
 - d. Ocean Hill Brownville (Facility ID# NY07589), located 361 feet to the west-northwest at 789 McDonough Street. This facility is listed as utilizing one (1), 5,000 gallon above ground tank for the storage of #6 fuel oil from an archived database. No further information was provided regarding this tank.
 - e. Woertly Associates (Facility ID# NY10201), located 658 feet to the south-southeast on Chauncey Street, listed a 3,000 gallon fuel oil storage tank from an archived database. No further information was provided regarding the tank.
12. There were no State Registered CBS facilities identified within one-half (0.5) mile of the subject property.
13. There were no State Registered MOSF facilities within one-half (0.5) mile of the subject property.

14. There were no TRI sites within one-eighth (0.125) mile of the subject property.
15. There were no Air Dischargers identified within one-eighth (0.125) mile of the subject property.
16. There were three (3) active and sixteen (16) closed LUST incidents identified within one-half (0.5) mile of the subject property. All of the active LUST incidents are located down or cross gradient and/or at a sufficient distance from the subject property, and are, therefore, not expected to adversely affect the subject property. All of the closed LUST incidents were minor and have been addressed to the satisfaction of the NYSDEC. Therefore, none of the LUST incidents are expected to adversely affect the subject property. Information regarding these incidents is contained in **Appendix C**.

The NYSDEC also responds to incidents involving hazardous waste spills. The Department maintains a logbook and files on all reported and actual incidents at the NYSDEC offices at Long Island City. This file was reviewed in conjunction with the subject property. It was determined that one (1) active and 105 closed spill incidents were identified within one-half (0.5) mile of the subject property. The active incident is down gradient and at a sufficient distance from the subject property and is not expected to present an impact to groundwater resources underlying the subject property. All of the closed incidents were addressed to the satisfaction of the NYSDEC and are not expected to present a potential impact to the subject property. Information regarding all of the active and closed spill incidents located within one-half (0.5) mile is contained in **Appendix C**.

5.1.3 City of New York

Contact was made with the City of New York Building Department. The Building Department permit records indicated that a building on the subject property was demolished in 1988, and that the one-story building has been utilized as a hardware store since approximately 1999. These records also indicated that a natural gas-fired boiler was installed in the basement of the second-story building in 2004, which replaced a previous boiler. Certificates of Occupancy revealed that the subject property was occupied by an Open Air Movie Theatre and a building containing a movie theatre, boiler room, and store units in 1927. Certificates of Occupancy from 1955-1963 revealed that the subject property contained a vacant area used for parking and storage, and a one-story building utilized for storage and shipping of ladies' working apparel, that also contained two (2) stores and a boiler room. There were four (4) active boiler violations associated with the two-story building, issued from 2008-2011 for failure to file annual boiler inspection reports. Boiler records for this building indicated that the boiler was last inspected in April, 2012 and that no defects were identified. No additional records indicated the presence of environmental issues on the subject property.

Contact was also made with the City of New York Fire Department. No records have been received at this time. Any additional, pertinent information obtained from the City of New York will be included as an addendum to this report.

6.0 FINDINGS

This environmental inspection report has been conducted in order to provide the prospective purchaser and lending institutions with accurate and complete information regarding the subject property, surrounding area, historic uses, agency records and regulations, and additional environmental considerations. Based upon this report, the limitations of this report and the methodology employed, the following statement is provided:

NP&V has updated a prior Phase I Environmental Site Assessment dated June 10, 2014 for 1674-1684 Broadway, which is located on the southwest corner of Broadway and Decatur Street in Brooklyn, New York. This ESA has been prepared in conformance with the scope and limitations of ASTM Practice E 1527-13 and USEPA AAI. Any exceptions to or deletions from this practice are described in Section 2.0 (Special Terms and Conditions, and Limitations and Exceptions), as well as **Appendix A** of this report.

This assessment has identified the following with respect to recognized environmental conditions, controlled environmental conditions, historic recognized environmental conditions and de minimus conditions in connection with the subject property, subject to the methodology and limitations of this report.

Three (3) recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.

1. Two (2) 275 gallon above ground storage tanks and an inactive fuel oil-fired boiler were observed in the basement beneath the hardware store building, buried by trash and storage materials. It was not possible to determine whether the storage tanks contained liquid or to inspect the concrete floor in the vicinity for staining; however, no fuel oil odors were noted and the tanks appeared to be inactive.
2. The laboratory analysis performed on the shallow soil sample collected from the basement of the subject property in 2013 exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins. However, it is possible that the metals found to exceed NYSDEC Soil Cleanup Objectives are naturally occurring in soils.
3. The results of a soil gas survey conducted on the subject property in 2013 revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins.

No controlled recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.

Four (4) de minimus conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review. Although these are de minimus conditions, recommendations are provided for each condition.

1. An empty concrete tank vault that previously contained a storage tank was observed in the basement beneath the two-story building, and a sealed fuel oil fill port was observed in the sidewalk adjacent to the basement. Since there was no evidence of staining or floor drains in the vicinity of the empty tank vault, the former storage tank is not expected to have adversely affected the subsurface resources of the subject property.
2. Some staining was observed in the southwestern outdoor storage area. Since this staining was observed on a paved surface, it is not expected to adversely affect the subsurface resources of the subject property.
3. Empty drums, empty paint cans, and assorted trash and debris were observed on the subject property. Although not expected to adversely impact the subject property, it is recommended that the drums, paint cans, trash and debris be removed.
4. There were four (4) active boiler violations associated with the two-story building, issued from 2008-2011 for failure to file annual boiler inspection reports. Since boiler records for this building indicated that the boiler was last inspected in April, 2012 and that no defects were identified, these violations are not expected to adversely affect the subject property. However, the violations should be addressed, and the property owner should continue to comply with the New York City Building Department boiler regulations to avoid future violations.

No historic recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.

7.0 OPINIONS

It is the opinion of the environmental professional that this assessment has not revealed any controlled or historic environmental conditions; however, three (3) recognized environmental conditions and four (4) de minimus environmental conditions were noted in connection with the subject property, subject to the methodology and limitations of this report. The following recommendations are offered regarding these conditions:

1. If no longer in use, the tanks and boiler observed in the basement of the one-story commercial building should be properly removed in accordance with NYSDEC regulations.
2. Due to the elevated levels of lead and mercury found in the shallow soils beneath the basement, it is recommended that the appropriate regulatory agency be contacted to determine if remediation is appropriate.
3. Due to the elevated concentrations of volatile organic compounds in soil vapors, appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant and/or a sub slab depressurization system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, it is also recommended these compounds should be included in a monitoring program to assess if changes in these levels occurs over time.
4. Empty drums, empty paint cans, and assorted trash and debris were observed on the subject property. Although it is not expected to adversely impact the subject property, it is recommended that the drums, paint cans, trash, and debris be removed.
5. The four (4) active boiler violations in connection with the two-story building on the subject property should be addressed. In addition, the property owner should continue to comply with the New York City Building Department boiler regulations to avoid future violations.

8.0 CONCLUSIONS

This updated assessment was performed at the Client's request using the methods and procedures consistent with good commercial or customary practice designed to conform with acceptable industry standards.

This report is expressly and exclusively for the sole use and benefit of the Client identified on the first page of this report and is not for the use or benefit of, nor may it be relied upon by, any other person or entity without the advance written consent of NP&V.

The independent conclusions represent NP&V's best professional judgment based on information and data available to the consultant during the course of this assignment. NP&V's evaluations, analyses and opinions are not representations regarding either the design integrity, structural soundness or actual value of the property. Factual information including operations, site conditions and available test data provided by the Client or their representative have been assumed to be correct and complete. The conclusions presented are based on the data provided, observations and conditions that existed on the date of the assessment.

NP&V has performed an Updated Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 and USEPA AAI for 1674-1684 Broadway, located in Brooklyn, New York. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment has revealed evidence of three (3) recognized environmental conditions and four (4) de minimus environmental conditions in connection with the subject property, subject to the methodology and limitations of this report.

9.0 DEVIATIONS & ADDITIONAL SERVICES

9.1 Deviations

This report was completed in accordance with the standards set forth in the ASTM E 1527-13 and the USEPA AAI. No deviations from these standards were undertaken during the completion of this report.

9.2 Additional Services

No additional services were provided as part of the report.

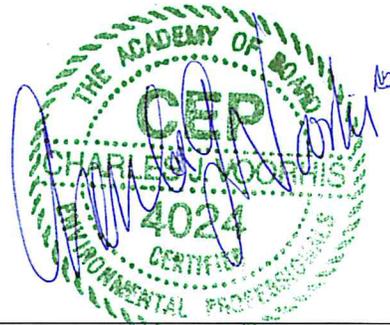
10.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the "All Appropriate Inquiries" in conformance with the standards and practices set forth in 40 CFR Part 312.

8/29/14

Date



Charles J. Voorhis, CEP, AICP
Manager Partner

8/29/14

Date

Steven J. McGinn

Steven J. McGinn
Partner/Division Manager

11.0 REFERENCES

- American Society for Testing and Materials (ASTM), 2005, Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-13, Washington, D.C.
- United States Environmental Protection Agency (USEPA), 2013, Federal Register Volume 70, No 210, 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries: Final Rule, Washington D.C.
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FIGURES



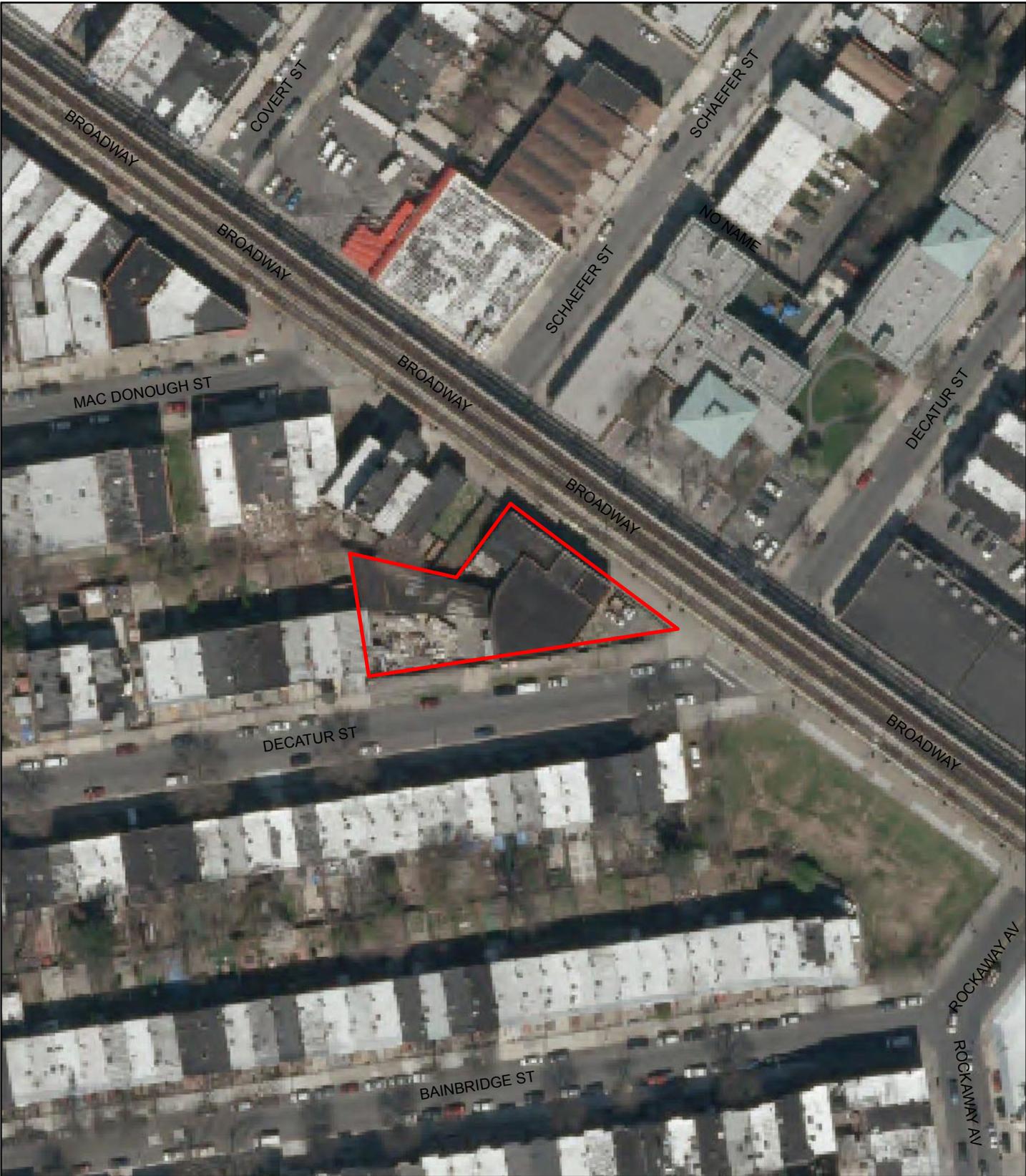
**FIGURE 1
LOCATION MAP**

**1674 - 1684 Broadway
Brooklyn**

Updated Phase I ESA

Source: ESRI Web Mapping Service
Scale: 1 inch = 50 feet





**FIGURE 2
AERIAL PHOTOGRAPH**

**1674 - 1684 Broadway
Brooklyn**

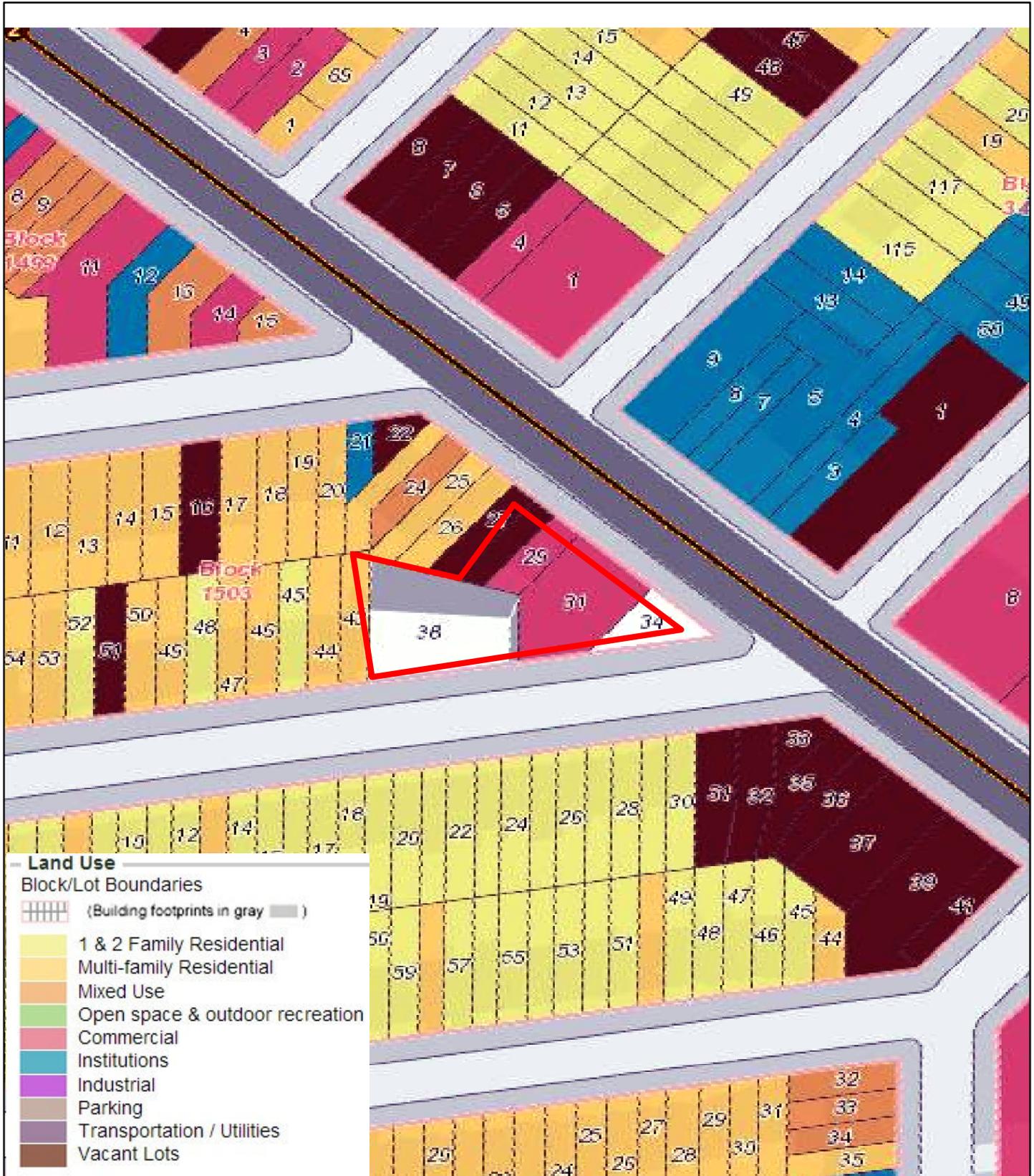
Source: NYS Orthophotography, 2012
Scale: 1 inch = 100 feet



Updated Phase I ESA



NELSON, POPE & VOORHIS, LLC
ENVIRONMENTAL • PLANNING • CONSULTING



**FIGURE 3
LAND USE**

**Broadway/Decatur
Property
Brooklyn**

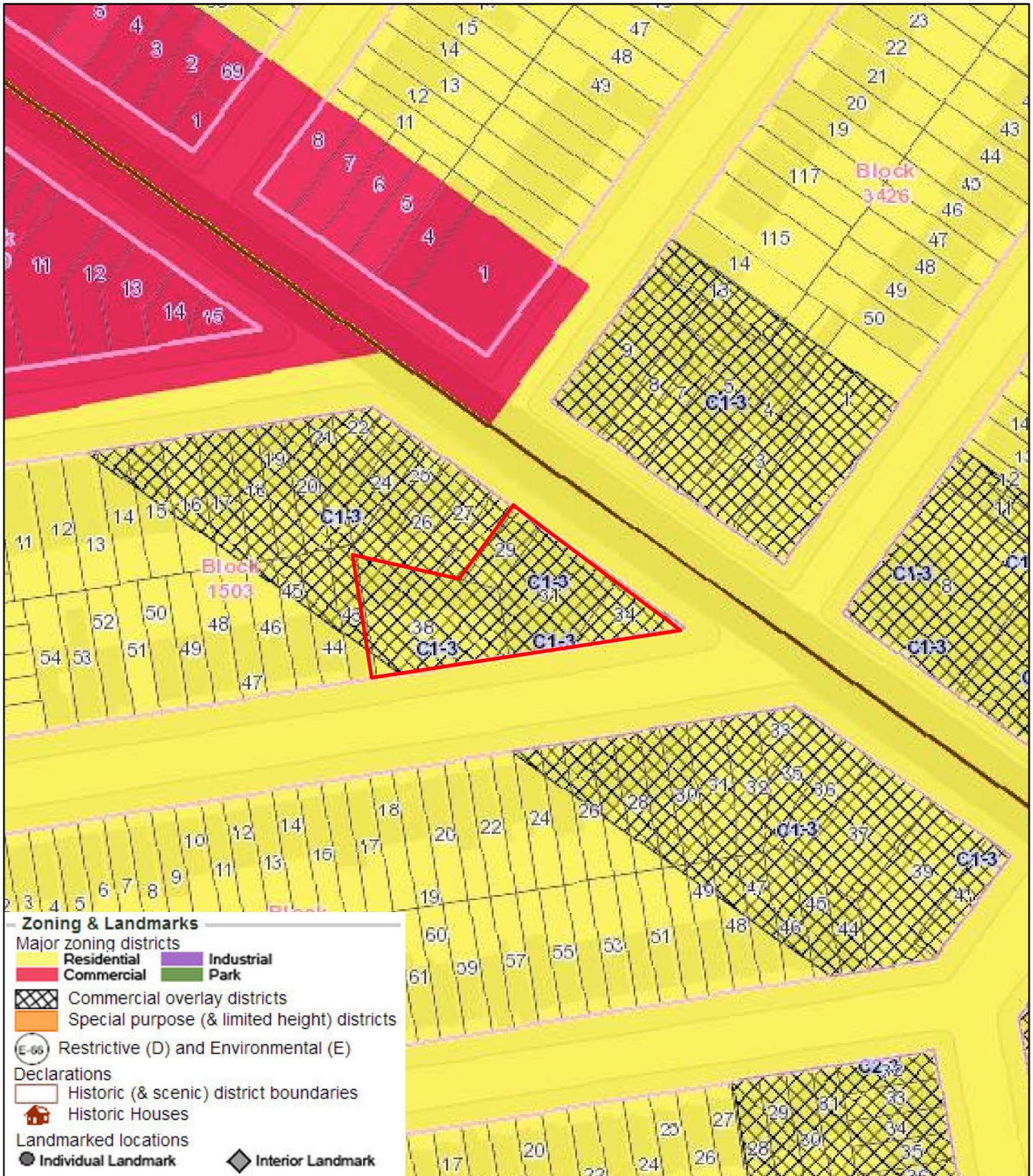


Source: NYC Oasis landuse map

Scale: 1 inch = 100 feet



Updated Phase I ESA



**FIGURE 4
ZONING MAP**

**1674 - 1684 Broadway
Brooklyn**

Updated Phase I ESA



Source: NYC Oasis
Scale: 1 inch = 100 feet





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FIGURE 5 TOPOGRAPHIC MAP

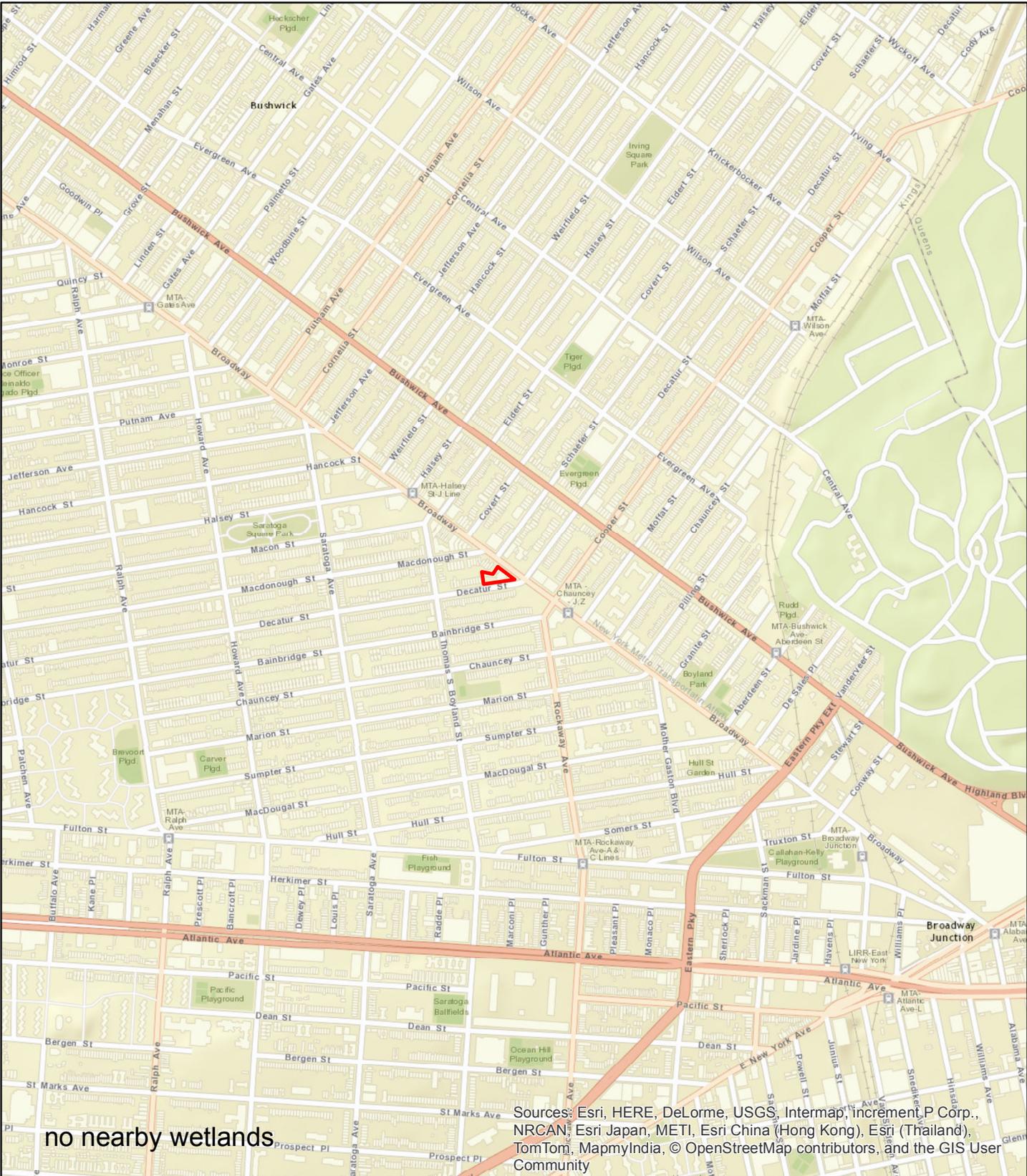
Source: ESRI Web Mapping Service, USGS

Scale: 1 inch = 500 feet



1674 - 1684 Broadway
Brooklyn

Updated Phase I ESA



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

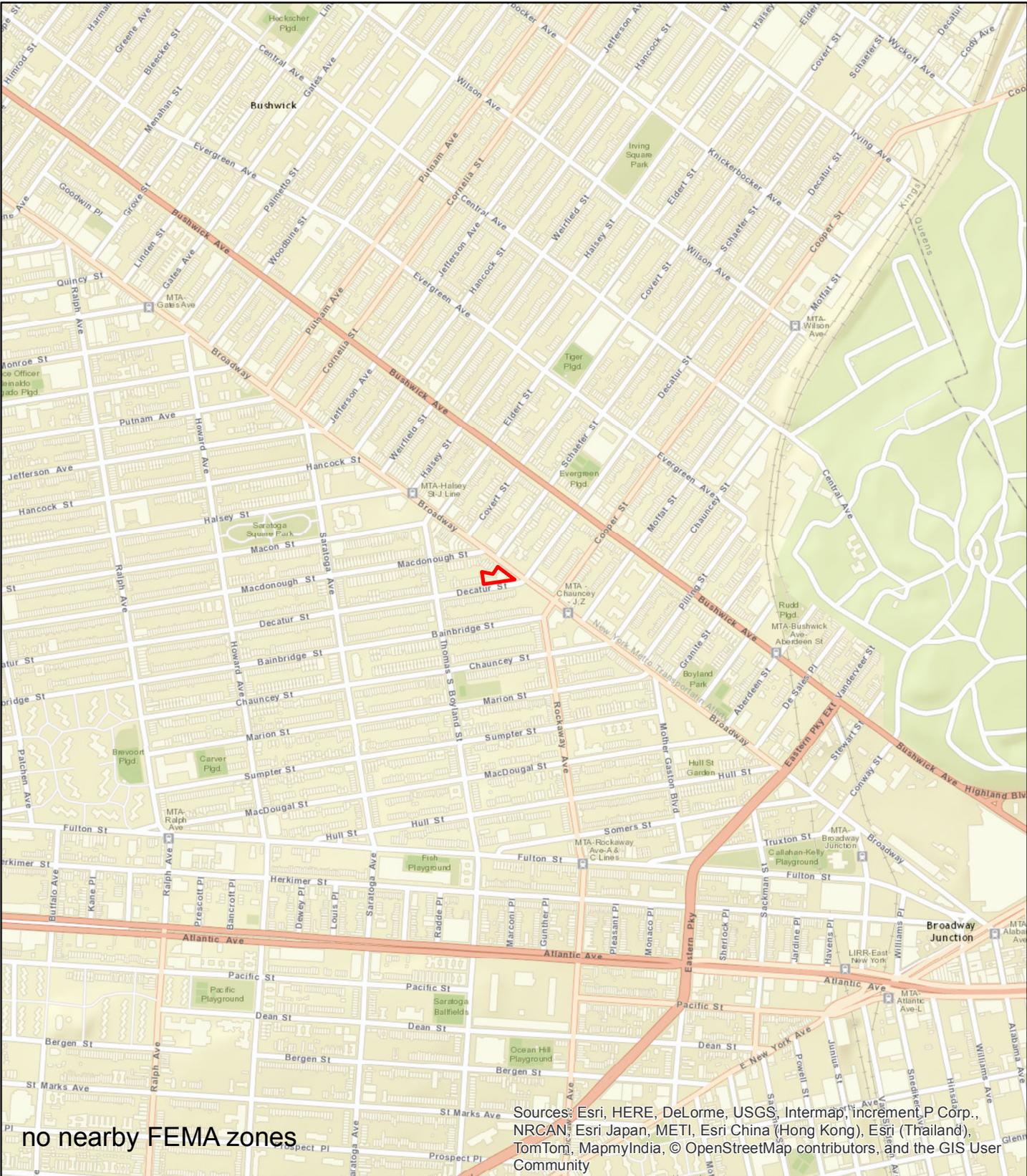


FIGURE 6 NATIONAL WETLANDS INVENTORY MAP

Source: ESRI Web Mapping Service, USF&W
Service web map server
Scale: 1 inch = 1,000 feet



**1674 - 1684 Broadway
Brooklyn**
Updated Phase I ESA



no nearby FEMA zones

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



FIGURE 7 FEMA FLOOD MAP

Source: ESRI Web Mapping Service, FEMA
Scale: 1 inch = 1,000 feet



**1674 - 1684 Broadway
Brooklyn**
Updated Phase I ESA

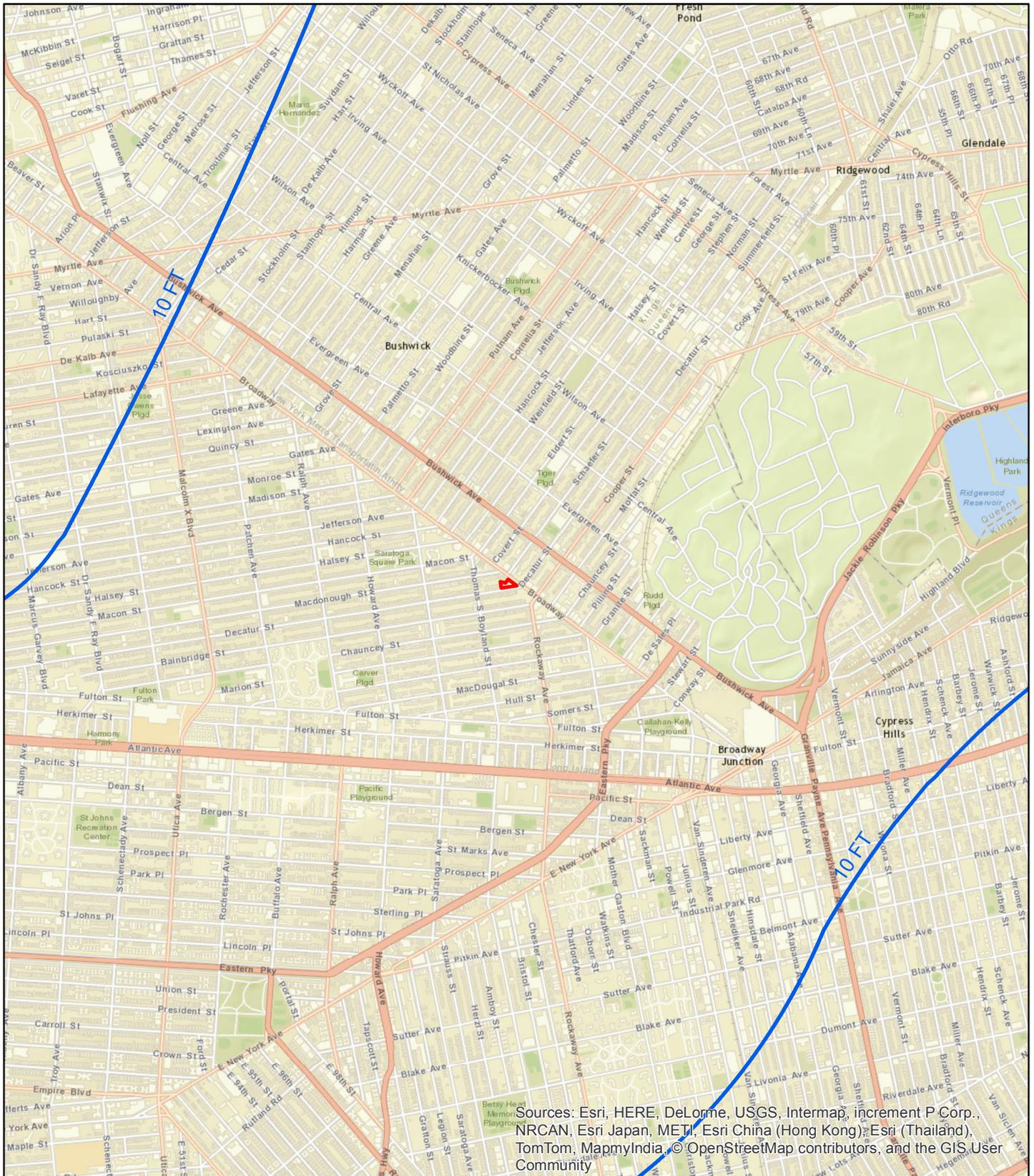


FIGURE 8 GROUNDWATER CONTOUR MAP

**1674 - 1684 Broadway
Brooklyn**

Source: ESRI web mapping service, USGS
Scientific Investigations Map 3270, 2010 data
Scale: 1 inch = 2,000 feet



Updated Phase I ESA

APPENDICES

APPENDIX A

SUPPLEMENTAL STATEMENT OF CONDITIONS

ENVIRONMENTAL AUDITS

SUPPLEMENTAL STATEMENT OF CONDITIONS ENVIRONMENTAL AUDITS

Charles J. Voorhis is Certified as an Environmental Inspector (CEI) with the Environmental Assessment Association (EAA). The Association provides technical support and is acting to standardize the industry with regard to procedures and techniques for report preparation. The EAA has established an outline of responsibilities for the Environmental Inspector as well as a Statement of Limiting Conditions. This information is reproduced below in order for clients and loan agencies to understand responsibilities and limitations under this contract.

Certification: The Environmental Inspector certifies to the Buyer, Seller and/or lender in a transaction as named in the inspection report "Principal Parties"; and the Inspector and the Principal Parties agree that:

1. The Environmental Inspector has no present or contemplated future (a) partnership with Principal Parties nor (b) an interest in the property inspected which could adversely affect the Inspector's ability to perform an objective inspection; and neither the employment of the inspector to conduct the inspection, nor the compensation for it, is contingent on the results of the inspection.
2. The Environmental Inspector has no personal interest in or bias with respect to the subject matter of the inspection report or any parties who may be part of a financial transaction involving the property. The conclusions and recommendations of the report are not based in whole or in part upon the race, color, creed, sex or national origin of any of the Principal Parties.
3. The Environmental Inspector has personally inspected the property, both inside and out and has made visual inspection of adjacent properties, to the extent possible by readily available access. The inspection does not include the removal of any soil, water or air samples, the moving of furniture or fixtures, or any type of inspection that would require extraordinary effort to access.
4. All contingent and limiting conditions are contained herein (imposed by the terms of the inspection assignment or by the undersigned affecting the conclusions and recommendations contained in the report).
5. This Environmental Inspection report has been made in conformity with and is subject to the requirements of the Code of Professional Ethics of the Environmental Assessment Association.
6. All opinions, conclusions and recommendations concerning the inspected property that are set forth in the inspection report were prepared by the Environmental Inspector whose signature appears on the report. No change of any item in the report shall be made by anyone other than the Inspector, and the Inspector shall have no responsibility for any such unauthorized change.

Contingent and Limiting Conditions: The certification of the Environmental Inspector appearing in the environmental inspection report is subject to the following conditions and to such other specific and limiting conditions as are set forth by the Inspector in the report.

1. The Inspector assumes no responsibility for matters of legal nature affecting the property inspected or the title thereto. The property is inspected assuming responsible ownership.
2. Any sketch appearing in or attached to the inspection report, or any statement of dimensions, capacities, quantities or distances, are approximate and are included to assist the reader in visualizing the property. The inspector has made no survey of the property.
3. The Inspector is not required to give testimony or appear in court because of having made the inspection with reference to the property in question, unless arrangements have been previously made therefor.
4. This report is not intended to have any direct effect on the value of the property inspected but simply to provide a visual Environmental Assessment solely for the benefit of the Principal Parties.
5. The Inspector assumes that there are no hidden, unapparent, or latent conditions or defects in or of the property, subsoil, or structures, other than those noted on the inspection report or any addendum to the report which the Inspector has included. The Inspector assumes no responsibility for such conditions, or for the inspection, engineering or repair which might be required to discover or correct such factors.
6. Information, estimates and opinions furnished to the Inspector, and contained in the report, were obtained from sources considered reliable and believed to be true and correct. However, the Inspector has made no independent investigation as to such matters and undertakes no responsibility for the accuracy of such items.
7. The Inspection and Inspection Report are made by the Inspector solely for the benefit and personal use of the Principal Parties. No disclosure may be made of the Inspection Report without the prior written consent of the Inspector and the Inspector undertakes no responsibility for harm or damages to any party other than the Principal Parties.
8. Neither the Inspection Report, any part thereof, nor any copy of the same (including conclusions or recommendations, the identity of the Inspector, professional designation, reference to any professional organization, or the firm with which the Inspector is connected), shall be used for any purposes by anyone but the Principal Parties. The report shall not be conveyed by anyone to the public through advertising, public relations, news, sales, or other media, without the prior written consent and approval of the Inspector.

APPENDIX B

RESUMES OF KEY PERSONNEL

PERSONAL PROFESSIONAL QUALIFICATIONS

CHARLES J. VOORHIS, CEP, AICP

Licensing and Certification:

Certified Environmental Professional (CEP)
American Institute of Certified Planners (AICP)
Certified Environmental Inspector, Environmental Assessment Association
US Coast Guard Master Steam and Auxiliary Sail Vessels

Experience:

- * Managing Partner of Firm, Nelson, Pope & Voorhis, LLC; Melville, New York (1/97-Present)
- * Principal of Firm, Nelson, Pope & Voorhis, LLC; Miller Place, New York (8/88-1/97)
- * Director, Division of Environmental Protection, Department of Planning, Environment and Development; Town of Brookhaven, New York (3/86-8/88)
- * Environmental Analyst, Division of Environmental Protection, Department of Planning, Environment and Development; Town of Brookhaven, New York (8/82-3/86)
- * Private and Public Consultant, Planning and Environmental Issues (8/82-3/87)
- * Public Health Sanitarian, Suffolk County Department of Health Services; Hauppauge, New York (1/80-8/82)
- * Environmentalist I, Suffolk County Department of Environmental Control, Central Islip, New York (2/78- 8/79)

Education:

- * SUNY at Stony Brook; Master of Science in Environmental Engineering, concentration in Water Resource Management, 1984
- * Princeton Associates; Groundwater Pollution and Hydrology Short Course, Princeton, New Jersey, 1983
- * New York State Health Department, Environmental Health Training Course, Hauppauge, New York, 1982
- * Southampton College of Long Island University; Bachelor of Science in Environmental Geology, 1977

Significant Professional Achievements:

- * Airport International Plaza, DEIS, 1996
- * Patchogue Lace Mill, Phase I ESA, 1996
- * Price Club @ New Rochelle, DEIS and FEIS, 1995
- * Commack Campus Park @ Commack DEIS and FEIS, 1994
- * Water Mill Shops @ Water Mill DEIS, 1993
- * PJ Venture Wholesale Club @ Commack DEIS and FEIS, 1993
- * Dowling College NAT Center DEIS and FEIS, 1992
- * Final EIS Angel Shores @ Southold, 1991
- * Town of Brookhaven Boat Mooring Plan, 1991
- * Draft EIS Round Hill @ Old Westbury, 1990
- * Draft EIS St. Elsewhere @ Nesconset, 1989
- * GEIS Commercial Rezonings on the Towns Own Motion, 1988
- * GEIS Large Lot Rezonings on the Towns Own Motion, 1988
- * Award for Environmentally Sensitive Land Design, Pine Barrens Review Comm., 1988
- * EQBA, Acquisition Study for Brookhaven Town, 1987
- * Town of Brookhaven Land Use Plan, 1987
- * Discussion of Hydrogeologic Zone Boundaries in the Vicinity of S. Yaphank, LI, NY, 1986
- * Duck Farms in Brookhaven Town, Land Restoration Techniques, 1985
- * Coastal Energy Impact Program, 1984
- * Comprehensive Review of Industrial Zoned Land in the Sensitive Hydrogeologic Zone, Town of Brookhaven, 1983
- * Groundwater Supply and Early Groundwater Use in Brookhaven Township, Suffolk County, New York 1983

Professional & Other Organizations (past and present):

- * American Institute of Certified Planners
- * American Planning Association, Washington, D.C.
- * National Association of Environmental Professionals, Alexandria, VA
- * Environmental Assessment Association, Scottsdale, Arizona
- * American Water Resources Association, Syracuse, New York
- * National Water Well Association, Worthington, Ohio
- * New York Planning Federation, Albany, New York
- * New York Water Pollution Control Association, Riverdale, New York
- * Water Pollution Control Federation, Washington, D.C.
- * Long Island Seaport & EcoCenter, Inc., Director/Trustee, Port Jefferson, NY
- * Boy Scouts of America, Trained Scoutmaster, Nathaniel Woodhull District, NY
- * Alumni Association, LIU, Southampton College, New York
- * Historical Society of Port Jefferson, Trustee, Port Jefferson, NY
- * Environmental Conservation Board, Inc. Village of Port Jefferson, NY
- * Port Jefferson Village, Waterfront Advisory Committee, Port Jefferson, NY
- * Town of Brookhaven Mount Sinai Harbor Advisory Committee, Medford, NY
- * Brookhaven Conservation Advisory Council, Medford, New York



PERSONAL PROFESSIONAL QUALIFICATIONS

STEVEN J. MCGINN, AICP

Licensing and Certification:

OSHA 40 Hour HAZWOPER
Certified Environmental Inspector, Environmental Assessment Association (CEI)
New York State Department of Labor - Licensed Asbestos Inspector
USEPA Certified Risk Assessor for Lead Based Paint

Experience:

- Partner/Division Manager, Nelson, Pope & Voorhis, LLC (July 2005 to Present)
- Sr. Environmental Analyst, Nelson, Pope & Voorhis, LLC (January 1997 to July 2005)
- Environmental Analyst, Nelson & Pope, LLP (July 1989 to January 1997)
- Project Manager, Middleton Kontokosta & Associates (May 1988 to July 1989)
- Planning Aide, Town of Huntington Planning Department (January 1987 to May 1988)

Education:

- EPA Model Lead Risk Assessor Initial Training, August , 2006
- EPA Model Lead Inspector Technician Training, August, 2006
- Training Course in the Theory and Practice of Applying Subsurface Interface Radar in Engineering and Geophysical Investigation, March, 2004
- 40-Hour Course Hazardous Materials Training, December, 1998
- Project Managers Bootcamp, PSMJ Resources, Inc., January 1998
- Performing Phase I Environmental Inspections, Environmental Assessment Association, Sept. 1997
- Environmental Regulations Course, Executive Enterprises, June 1996
- Environmental Impact Statements, Cook College/Rutgers University, December 1994
- State University of New York at Cortland - Bachelor of Science in Geography, January 1986

Significant Professional Achievements:

- 940 Bryant Avenue, Bronx - Phase I ESA
- 1345 Seneca Avenue, Bronx - Phase I ESA
- Red Roof Farms, Rye Brook - Phase I & II ESA
- Thomas Dodge Subaru, Port Jefferson - Phase I & II ESA
- 221 Skip Lane, Bay Shore - Phase I & II ESA

- 121 Maple Avenue (Shore Line Marina), Bay Shore - Phase I & II ESA
- 950 West Main Street, Riverhead - Phase I ESA
- Long Island Galleria/Price Club Plaza, Westbury - DEIS & FEIS
- Currans Road Development, Middle Island - DEIS & FEIS
- Timber Ridge at the Plains, Greenlawn - DEIS & FEIS
- Greene's Creek Marina, Sayville - DEIS
- Town of Brookhaven Marine Reconstruction Projects, Patchogue, Blue Point, Port Jefferson, Mount Sinai, - Tidal Wetland Permits
- Village of Lake Success, Lake Success - Land Use and Zoning Analyses
- Ridgehaven Estates, Ridge - DEIS & FEIS
- K-Mart @ Farmingville - Part III EAF
- Long Lake Estates, Coram - DEIS & FEIS

Professional Responsibilities:

- Partner/Division Manager for the preparation of Phase I and Phase II Environmental Site Assessments, Site Remediation, Lead Based Paint Surveys and Asbestos Surveys for lending institutions and Governmental Agencies.
- Author of numerous Phase I & II Environmental Site Assessments.
- Site Supervisor for numerous large and small scale site remediation projects.
- Author of numerous environmental impact statements in both draft and final formats for major large scale, high-profile projects.
- Other responsibilities include the preparation of various environmental, planning and zoning studies and the preparation of various state and federal applications such as: land use and zoning studies, noise and air quality assessments, Phase I Environmental Site Assessments, feasibility studies, economic analyses, freshwater and tidal wetland permits, etc.
- Interaction with various Town, County, State and Federal officials, attorneys, developers, engineers, Town Boards, Planning Boards, and Zoning Boards of Appeals.

Professional Organizations:

- American Institute of Certified Planners, Washington, D.C.
- American Planning Association, Washington, D.C.
- National Association of Environmental Professionals, Alexandria, VA
- Environmental Assessment Association, Scottsdale, Arizona
- National Groundwater Association, Assoc. of Groundwater Scientists and Engineers

APPENDIX C

DATABASE SEARCH INFORMATION

TOXICS TARGETING

PHASE I

ENVIRONMENTAL DATABASE REPORT

BROADWAY/DECATUR ST PROPERTIES

BROOKLYN, NY 11233

AUGUST 21, 2014

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PLEASE REFER TO PAGES ONE AND FIVE FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

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- *Map Four: Eighth-Mile Radius Close-up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

Section Two: Toxic Site Profiles

Section Three: Appendices

- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report*. It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.
2. ***Estimates*** the distance and direction between the target address and each identified toxic site.
3. ***Reports*** air and water permit non-compliance and other regulatory violations.
4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.
5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. A close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report. Finally, a map of tax parcels and a table of selected information about those parcels are included.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information and some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

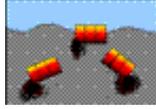
How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.
- Check Table Two to see identified sites sorted by direction.
- Check Table Three to see identified sites ranked by proximity to the target address.
- Check Table Four to see identified sites sorted by site categories.
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

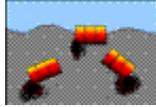
Search Radius

One-Mile



1) ***National Priority List for Federal Superfund Cleanup***: a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile



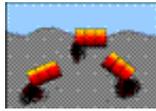
2) ***Delisted National Priority List Sites***: a listing of NPL sites that have been removed from the National Priority List.

One-Mile



3) ***New York Inactive Hazardous Waste Disposal Site Registry***: a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile



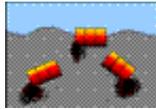
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying***: a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile



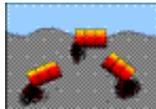
5) ***RCRA Corrective Action Activity (CORRACTS)***: waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile



6) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile



7) ***CERCLIS NFRAP***: a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile



8) ***New York State Brownfield Cleanup Sites***: a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Half-Mile



9) ***New York Solid Waste Facilities Registry***: active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

Half-Mile



10) ***New York City 1934 Solid Waste Sites***: a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Half-Mile



11) ***New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Half-Mile



12) ***Toxic Spills: active and inactive or closed*** spills reported to state environmental authorities, including *remediated* and *unremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile



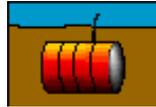
13) ***New York State Major Oil Storage Facilities:*** sites with more than a 400,000 gallon capacity for storing petroleum products.

Eighth-Mile



14) ***New York State Petroleum Bulk Storage Facilities:*** sites with more than an 1,100 gallon capacity for storing petroleum products.

Eighth-Mile



15) ***New York City Fire Dept Tank Data:*** tank data from 1997.

Eighth-Mile



16) ***New York and Federal Hazardous Waste Generators and Transporters:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile



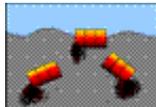
17) ***New York Chemical Bulk Storage Facilities:*** sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Eighth-Mile



18) ***Historic New York City Utility Sites (1890's to 1940's):*** power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Half-Mile



19) ***New York Hazardous Substance Disposal Site Draft Study:*** a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites were not eligible for state clean up funding programs.

Eighth-Mile



20) ***Federal Toxic Release Inventory Facilities:*** discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile



21) ***Federal Air Discharges:*** air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Eighth-Mile



22) ***Federal Permit Compliance System Toxic Wastewater Discharges:*** permitted toxic wastewater discharges.

Eighth-Mile



23) ***Federal Civil and Administrative Enforcement Docket:*** judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

On-site only
(250 ft)



24) ***New York City Environmental Quality Review (CEQR) – E Designation Sites:*** parcels assigned a special environmental (“E”) designation under the CEQR process. E designation requires specific protocols that must be followed.

Property only



25) ***ERNS: Federal Emergency Response Notification System Spills:*** a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the **FIRST STEP** in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. Systematic changes are made to correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Some information that has been withheld by government authorities remains included in Toxic Site Profiles and is identified as archival information. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Also please be aware of some other limitations of the information in your report:

- The digital map used by *Toxics Targeting* is the same one used by the U. S. Census or local authorities in New York City. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated. **FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;**
- **UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 25 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;**
- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in the zip codes searched for the report as well as toxic sites without zip codes reported in the same county. **IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING* AND REFER TO THE SITE ID NUMBER.**
- New York State Department of Environmental Conservation Remediation Site Borders are approximate and may not align with tax parcel boundaries mapped by local authorities or the digital map used by the US Census Bureau. As a result, Remediation Site Borders may overlap parcels that do not involve site remediation activities. Selected parcels also can involve multiple Remediation Site Borders. Refer to individual site profiles for more information. Sites without profiles include potential new sites or sites that have not yet been publicly listed by DEC.
- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. **YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;**

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.
- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. **YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.**

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
- *Table Four: Identified Toxic Sites By Proximity*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 – 100 ft	100 ft – 1/8 mi	1/8 mi – 1/4 mi	1/4 mi – 1/2 mi	1/2 mi – 1 mi	Site Category Totals
ASTM–Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	1	1
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	1	1
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
ASTM–Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non–NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	0	Not searched	0
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	0	0	Not searched	0
NYSDEC Solid Waste Facilities / Landfills	0	0	0	1	Not searched	1
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	1	1	Not searched	2
Active Tank Test Failures	0	0	1	0	Not searched	1
Active Spills – Unknown / Other Causes	0	0	0	1	Not searched	1
Active Spills – Miscellaneous Causes	0	0	0(1)	0(2)	Not searched	0(3)
Closed Tank Failures	0	1	2	8	Not searched	11
Closed Tank Test Failures	0	1	1	3	Not searched	5
Closed Spills – Unknown / Other Causes	1	7	12	70	Not searched	90
Closed Spills – Miscellaneous Causes	0	9	1(16)	5(84)	Not searched	15(100)
ASTM–Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	1	9	Not searched	Not searched	Not searched	10
RCRA Hazardous Waste Generators & Transporters	2	33	Not searched	Not searched	Not searched	35
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM–Required On–Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	0	0	Not searched	Not searched	Not searched	0
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM–Required Databases Distance Interval Totals	4	60	18(17)	89(86)	2	173(103)

Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search

1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0

Non-ASTM Databases 1/8 Mile Search

Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	0	Not searched	Not searched	Not searched	0
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0

Non-ASTM Databases Distance Interval Totals	0	0	0	0	Not Searched	0
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<i>Distance Interval Totals</i>	<i>4</i>	<i>60</i>	<i>18(17)</i>	<i>89(86)</i>	<i>2</i>	<i>173(103)</i>
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Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

Broadway/Decatur St Properties Brooklyn, NY 11233

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
139	CON EDISON	NORTH WEST CORNER ROCKAWAY AVE & BAINBRIDGE ST	37 feet to the SE*	Hazardous Waste Generator/Transporter
24	MANHOLE # 112	BROADWAY & COPPER AVE	55 feet to the ESE*	Closed Status Spill (Unk/Other Cause)
140	CON EDISON	BROADWAY & SCHAEFER ST	66 feet to the NW*	Hazardous Waste Generator/Transporter
129	LYDIA MCLAUGHLIN	820 MAC DONOUGH ST	83 feet to the WNW*	Petroleum Bulk Storage Site

Sites between 100 ft and 660 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
114	CARE FOR THE HOMELESS	1675 BROADWAY	159 feet to the N*	Closed Status Spill (Misc. Spill Cause)
29	SB 41971	35 SCHAEFFER ST	510 feet to the N	Closed Status Spill (Unk/Other Cause)
169	BOBE DRY CLNRS	1338 BUSHWREK AVE	601 feet to the N	Hazardous Waste Generator/Transporter
170	CON EDISON	1330 BUSHWICK AVE	611 feet to the N	Hazardous Waste Generator/Transporter
26	30 COOPER ST	30 COOPER ST	381 feet to the ENE	Closed Status Spill (Unk/Other Cause)
118	SPILL NUMBER 0011863	30 COOPER ST	381 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
121	APT BLDG	38 COOPER ST	493 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
164	CON EDISON	45 MOFFATT ST	564 feet to the ENE	Hazardous Waste Generator/Transporter
151	CON EDISON	F/O 11 MOFFAT ST	355 feet to the E	Hazardous Waste Generator/Transporter
144	CON EDISON	1727 BROADWAY	210 feet to the ESE	Hazardous Waste Generator/Transporter
147	CON EDISON	1739 BROADWAY	281 feet to the ESE	Hazardous Waste Generator/Transporter
137	EDDIE HARRIS RESIDENTIAL FACILITY	629 CHANCEY STREET	521 feet to the ESE	Petroleum Bulk Storage Site
163	MTA NYCT – CHAUNCEY ST STATION J–LINE	CHAUNCEY ST & BROADWAY	551 feet to the ESE	Hazardous Waste Generator/Transporter
8	ENGINE CO. 233/LADD. CO. 176 FDNY –DDC	25 ROCKAWAY AVENUE	227 feet to the SE	Closed Status Tank Failure
19	ENGINE CO. 233/LADD. CO. 176 FDNY –DDC	25 ROCKAWAY AVENUE	227 feet to the SE	Closed Status Tank Test Failure
115	DRUM RUN	25 ROCKAWAY AVE	227 feet to the SE	Closed Status Spill (Misc. Spill Cause)
130	ENGINE COMPANY 233	25 ROCKAWAY AVENUE	237 feet to the SE	Petroleum Bulk Storage Site
154	CON EDISON	FRONT OF 524 CHAUNCEY ST	420 feet to the SE	Hazardous Waste Generator/Transporter
155	CON EDISON	F/O 524 CHAUNCEY ST	420 feet to the SE	Hazardous Waste Generator/Transporter
171	CON EDISON	473 MARION ST	622 feet to the SE	Hazardous Waste Generator/Transporter
141	CON EDISON	FO 24 ROCKAWAY AVE	135 feet to the SSE*	Hazardous Waste Generator/Transporter
145	CON EDISON	OPP 34 ROCKAWAY AVE	241 feet to the SSE	Hazardous Waste Generator/Transporter

148	CON EDISON	SOUTH WEST CORNER ROCKAWAY AVE & CHANCEY ST	303 feet to the SSE	Hazardous Waste Generator/Transporter
133	W OERTLY ASSOCIATES	510 CHAUNCEY ST	375 feet to the SSE	Petroleum Bulk Storage Site
157	CON EDISON	46 ROCKAWAY AVE	436 feet to the SSE	Hazardous Waste Generator/Transporter
136	GEORGE RHODES	48 ROCKAWAY AVE	484 feet to the SSE	Petroleum Bulk Storage Site
166	CON EDISON	FRONT OF 453 MARION ST	584 feet to the SSE	Hazardous Waste Generator/Transporter
173	CON EDISON	47 ROCKAWAY AV	645 feet to the SSE	Hazardous Waste Generator/Transporter
25	561 CHAUNCEY STREET	561 CHAUNCEY STREET	237 feet to the S	Closed Status Spill (Unk/Other Cause)
116	559 CHAUNCEY ST	559 CHAUNCEY ST	246 feet to the S	Closed Status Spill (Misc. Spill Cause)
27	SERVICE BOX 1673	498 CHAUNCEY ST	388 feet to the S	Closed Status Spill (Unk/Other Cause)
162	CON EDISON	FRONT OF 427 & MARION ST	550 feet to the S	Hazardous Waste Generator/Transporter
119	539 CHAUNCEY STREET	539 CHAUNCEY STREET	385 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
120	539 CHAUNCEY STREET	539 CHAUNCEY STREET	385 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
156	CON EDISON	535 CHAUNCEY	423 feet to the SSW	Hazardous Waste Generator/Transporter
143	CON EDISON	603 BAINBRIDGE	181 feet to the SW*	Hazardous Waste Generator/Transporter
117	598 BAINBRIDGE ST	598 BAINBRIDGE ST	309 feet to the SW	Closed Status Spill (Misc. Spill Cause)
160	CON EDISON	525 CHAUNCEY ST	499 feet to the SW	Hazardous Waste Generator/Transporter
165	NYCDEP	HOPKINSON BTW BAINBRG & CHAUNC	566 feet to the SW	Hazardous Waste Generator/Transporter
167	CONSOLIDATED EDISON	509 CHAUNCEY ST & THOMAS S BOY	588 feet to the SW	Hazardous Waste Generator/Transporter
168	CONSOLIDATED EDISON	509 CHAUNCEY ST – MH 4200	588 feet to the SW	Hazardous Waste Generator/Transporter
149	CON EDISON	FRONT OF 577 BAINBRIDGE ST	330 feet to the WSW	Hazardous Waste Generator/Transporter
30	RESIDENTIAL BUILDING	555 BAINBRIDGE STREET	514 feet to the WSW	Closed Status Spill (Unk/Other Cause)
122	RESIDENCE AT	555 BAINBRIDGE STREET	514 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
161	CON EDISON	553 BAINBRIDGE ST	535 feet to the WSW	Hazardous Waste Generator/Transporter
172	CON EDISON	550 BAINBRIDGE ST	644 feet to the WSW	Hazardous Waste Generator/Transporter
142	CON EDISON	F/O 731 & DECATUR ST	153 feet to the W*	Hazardous Waste Generator/Transporter
152	NYCDEP	DECATUR AVE & THOMAS S BOYLAND AVE	363 feet to the W	Hazardous Waste Generator/Transporter
28	RESIDENCE	702 DECATUR ST	445 feet to the W	Closed Status Spill (Unk/Other Cause)
158	CON EDISON	GO 707 DECATUR ST	462 feet to the W	Hazardous Waste Generator/Transporter
131	789 MCDONOUGH STREET HDFC	789 MAC DONOUGH STREET IC	361 feet to the WNW	Petroleum Bulk Storage Site
132	OCEAN HILL BROWNVILLE	789 MAC DONOUGH ST	361 feet to the WNW	Petroleum Bulk Storage Site
138	SARATOGA BRANCH	8 HOPKINSON AVE	548 feet to the WNW	Petroleum Bulk Storage Site
146	CONSOLIDATED EDISON	MH4225–BROADWAY & COVERT ST	279 feet to the NW	Hazardous Waste Generator/Transporter
153	CON EDISON	1641 BROADWAY	375 feet to the NW	Hazardous Waste Generator/Transporter
31	MANHOLE 63289	ELDERT ST/BROADWAY	520 feet to the NW	Closed Status Spill (Unk/Other Cause)
150	CON EDISON	21 SCHAEFER ST	340 feet to the NNW	Hazardous Waste Generator/Transporter
134	COVERT STREET REALTY, LLC	26 COVERT STREET	432 feet to the NNW	Petroleum Bulk Storage Site
135	JOHN A GRIFFITH	26 COVERT ST	432 feet to the NNW	Petroleum Bulk Storage Site
159	CON EDISON	21 COVERT ST	478 feet to the NNW	Hazardous Waste Generator/Transporter

Sites equal to or greater than 660 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
<hr/>				

9	SPILL NUMBER 9713231	1311--A BUSHWICK AVE	881 feet to the N	Closed Status Tank Failure
98	MANHOLE 2386	CENTRAL AVE/WEIERFIELD	2306 feet to the N	Closed Status Spill (Unk/Other Cause)
99	MANHOLE 2386	WEIRFIELD ST/CENTRAL AVE	2306 feet to the N	Closed Status Spill (Unk/Other Cause)
107	SERVICE BOX 20476	1167 HALSEY ST	2472 feet to the N	Closed Status Spill (Unk/Other Cause)
32	SERVICE BOX 41972 IFO	63 SCHAEFER ST	912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
63	PS296 SCHOOL	125 COVERT ST	1775 feet to the NNE	Closed Status Spill (Unk/Other Cause)
113	SPILL NUMBER 0302444	598 WILSON AVE	2628 feet to the NNE	Closed Status Spill (Unk/Other Cause)
64	DRUM RUN	149 MOFFAT STREET	1785 feet to the NE	Closed Status Spill (Unk/Other Cause)
82	CHAUNCEY ST & CENTRAL AVE	CHAUNCEY ST & CENTRAL AVE	2105 feet to the NE	Closed Status Spill (Unk/Other Cause)
83	STREET	INTERSECTION CENTRAL AVE & CHAUNCEY ST	2105 feet to the NE	Closed Status Spill (Unk/Other Cause)
85	KHISNEN PROPERTY	BEHIND 671 TO 675 CENTRAL AVENUE	2145 feet to the NE	Closed Status Spill (Unk/Other Cause)
16	COMMERCIAL LOT	673 CENTRAL AVE	2176 feet to the NE	Closed Status Tank Failure
105	MANHOLE 30529	205 MOFFAT ST	2407 feet to the NE	Closed Status Spill (Unk/Other Cause)
1	WOLFF-ALPORT CHEMICAL COMPANY	1125--1139 IRVING AVENUE	4228 feet to the NE	National Priority List(NPL) Site
4	BASEMENT	1419 BUSHWICK AVE	881 feet to the ENE	Active Tank Failure
34	SPILL NUMBER 0030010	1435 BUSHWICK AVE	941 feet to the ENE	Closed Status Spill (Unk/Other Cause)
36	DRUM RUN	76 MOFFAT ST	1030 feet to the ENE	Closed Status Spill (Unk/Other Cause)
123	STOLEN VAN	76 MOFFAT ST	1030 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
69	770 CHAUNCEY ST/CBS FOODS	770 CHAUNCEY ST/CBS FOODS	1880 feet to the ENE	Closed Status Spill (Unk/Other Cause)
37	MANHOLE #4220	PILLING ST/BUSHWICK AVE	1062 feet to the E	Closed Status Spill (Unk/Other Cause)
56	SPILL NUMBER 9802684	1509 BUSHWICK AVE	1601 feet to the E	Closed Status Spill (Unk/Other Cause)
78	79 DESALES PL	79 DESALES PL	2028 feet to the E	Closed Status Spill (Unk/Other Cause)
50	CITYGAS GAS STATION	1508 BUSHWICK AVE	1508 feet to the ESE	Closed Status Spill (Unk/Other Cause)
51	IN ROADWAY	1508 BUSHWICK AVE	1508 feet to the ESE	Closed Status Spill (Unk/Other Cause)
62	SUBWAY TUNNEL	BUSHWICK AVE & ABERDEEN ST	1726 feet to the ESE	Closed Status Spill (Unk/Other Cause)
22	WOLF PETROLEUM CORP	1532 BUSHWICK AVE	1762 feet to the ESE	Closed Status Tank Test Failure
3	FIVE STAR AUTO REBUILDERS INC	1533 BUSHWICK AVE	1844 feet to the ESE	Solid Waste Facility
76	CONSOLIDATED BUS COMPANY	2037 EASTERN PARKWAY	1998 feet to the ESE	Closed Status Spill (Unk/Other Cause)
6	OCEAN HILL --NYCHA	24 STONE AVENUE	1130 feet to the SE	Active Tank Test Failure
40	OCEAN HILL HOUSES --NYCHA	24 STONE AVENUE	1130 feet to the SE	Closed Status Spill (Unk/Other Cause)
13	APARTMENT BUILDING	211 HULL STREET	1541 feet to the SE	Closed Status Tank Failure
53	MANHOLE 70405	HULL STREET NEAR STONE STREET	1580 feet to the SE	Closed Status Spill (Unk/Other Cause)
55	STREET SIDE	318 MCDUGALL ST	1597 feet to the SE	Closed Status Spill (Unk/Other Cause)
112	MANHOLE 4262	BROADWAY + CONWAY STREET	2627 feet to the SE	Closed Status Spill (Unk/Other Cause)
54	SERVICE BOX # 21235	174 HULL ST	1593 feet to the SSE	Closed Status Spill (Unk/Other Cause)
60	SIDEWALK	IFO 56 SOMERS STREET	1687 feet to the SSE	Closed Status Spill (Unk/Other Cause)
61	SMITH HOME	40 SOMERS STREET	1716 feet to the SSE	Closed Status Spill (Unk/Other Cause)
71	SUBWAY	ROCKAWAY AVE STATION	1953 feet to the SSE	Closed Status Spill (Unk/Other Cause)
72	ROCKAWAY AVE STATION --NYCT	2158 FULTON ST (C LINE)	1953 feet to the SSE	Closed Status Spill (Unk/Other Cause)
102	MUTIPLE DWELLING	2224 FULTON STREET	2341 feet to the SSE	Closed Status Spill (Unk/Other Cause)
5	AKA 31--33 MONACO PLACE	2121 MONACO PLACE	2623 feet to the SSE	Active Tank Failure
10	139 HULL ST/BKLYN	139 HULL STREET	1304 feet to the S	Closed Status Tank Failure
59	PRIVATE RESIDENCE	11 SOMERS ST	1660 feet to the S	Closed Status Spill (Unk/Other Cause)
65	HOPKINS AVE /FULTON ST SU	SUBWAY AT HOPKINS/FULTON	1800 feet to the S	Closed Status Spill (Unk/Other Cause)
73	1215 HERKIMER STREET	1215 HERKIMER STREET	1969 feet to the S	Closed Status Spill (Unk/Other Cause)

74	RESIDENCE-HPD	1257 HERKIMER ST	1976 feet to the S	Closed Status Spill (Unk/Other Cause)
84	1222 HERKIMER ST	1222 HERKIMER ST	2127 feet to the S	Closed Status Spill (Unk/Other Cause)
109	MH 559S	ROCKAWAY AV/ATLANTIC AVE	2531 feet to the S	Closed Status Spill (Unk/Other Cause)
43	WINQ RES	242 SUMPTER ST	1286 feet to the SSW	Closed Status Spill (Unk/Other Cause)
75	MANHOLE 14355	HULL ST / SARATOGA AV	1979 feet to the SSW	Closed Status Spill (Unk/Other Cause)
95	MULTI FAMILY	1115 HERKIMER ST	2263 feet to the SSW	Closed Status Spill (Unk/Other Cause)
96	VAULT # 3800	HERKIMER ST NEAR SARATOGA AVE	2301 feet to the SSW	Closed Status Spill (Unk/Other Cause)
97	VAULT VS 3704	SARTOGA AVE AND HERKIMER	2301 feet to the SSW	Closed Status Spill (Unk/Other Cause)
103	PRIVATE RESIDENCE	1095 HERKIMER ST	2346 feet to the SSW	Closed Status Spill (Unk/Other Cause)
39	RESIDENCE	333 MARION STREET	1110 feet to the SW	Closed Status Spill (Unk/Other Cause)
80	H.P.D. HOUSING	21 HULL ST	2073 feet to the SW	Closed Status Spill (Unk/Other Cause)
81	NEW CONSTRUCTION	150 SUMPTER ST	2094 feet to the SW	Closed Status Spill (Unk/Other Cause)
87	VACANT LOT NEXT TO HER	83 MACDOUGAL ST	2163 feet to the SW	Closed Status Spill (Unk/Other Cause)
89	NEXT TO 85 MACDOUGAL ST	BY HOWARD AVE & MACDOUGAL	2182 feet to the SW	Closed Status Spill (Unk/Other Cause)
90	233 HOWARD AVENUE	233 HOWARD AVENUE	2184 feet to the SW	Closed Status Spill (Unk/Other Cause)
126	SPILL NUMBER 0105366	233 HOWARD AVENUE	2184 feet to the SW	Closed Status Spill (Misc. Spill Cause)
93	77 MACDOUGAL ST	77 MACDOUGAL ST	2247 feet to the SW	Closed Status Spill (Unk/Other Cause)
17	2006 A FULTON STREET	2006 A FULTON STREET	2358 feet to the SW	Closed Status Tank Failure
42	MANHOLE 63913	CHAUNCEY ST/SARATGOA AVE	1246 feet to the WSW	Closed Status Spill (Unk/Other Cause)
7	IN FRONT OF	434 BAINE BRIDGE STREET	1780 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
66	IN FRONT OF	429 BAINE BRIDGE STREET	1804 feet to the WSW	Closed Status Spill (Unk/Other Cause)
67	SERVICE BOX 16718	334 CHAUNCEY ST	1822 feet to the WSW	Closed Status Spill (Unk/Other Cause)
77	SERVICE BOX 14548	411-413 BAINBRIDGE ST	2025 feet to the WSW	Closed Status Spill (Unk/Other Cause)
79	SERVICE BOX 15457	416 BAINBRIDGE ST	2041 feet to the WSW	Closed Status Spill (Unk/Other Cause)
86	SEVICE BOX 16709	347 CHAUNCEY ST	2154 feet to the WSW	Closed Status Spill (Unk/Other Cause)
92	SPILL NUMBER 9808332	229-233 MARION ST	2223 feet to the WSW	Closed Status Spill (Unk/Other Cause)
106	BASEMENT	371 BAINBRIDGE ST	2411 feet to the WSW	Closed Status Spill (Unk/Other Cause)
108	PS # 040	265 RALPH AVE	2518 feet to the WSW	Closed Status Spill (Unk/Other Cause)
127	358 BAYBRIDGE ST	358 BAYBRIDGE ST	2603 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
38	SARATOGA AVE & DECATUR ST	SARATOGA AVE & DECATUR ST	1106 feet to the W	Closed Status Spill (Unk/Other Cause)
11	615 DECATUR ST	615 DECATUR ST	1451 feet to the W	Closed Status Tank Failure
68	MANHOLE 695	DECATUR ST/HOWARD AVE	1875 feet to the W	Closed Status Spill (Unk/Other Cause)
70	MANHOLE #28722	MACON ST & HOWARD	1921 feet to the W	Closed Status Spill (Unk/Other Cause)
125	765 MACON ST	765 MACON ST	2111 feet to the W	Closed Status Spill (Misc. Spill Cause)
14	BACKYARD OF HOUSE	632 MACDONOWGH STREET	2145 feet to the W	Closed Status Tank Failure
88	SERVICE BOX #28721	738 MACON ST	2164 feet to the W	Closed Status Spill (Unk/Other Cause)
91	SERVICE BOX #28718	755 MACON ST	2198 feet to the W	Closed Status Spill (Unk/Other Cause)
94	CAR LEAK	615 MACDOUGH ST	2254 feet to the W	Closed Status Spill (Unk/Other Cause)
128	183 RALPH AVE	183 RALPH AVE	2608 feet to the W	Closed Status Spill (Misc. Spill Cause)
2	192 RALPH AVENUE	192 RALPH AVE	2668 feet to the W	NYSDEC Inactive Haz Waste Disposal Site
20	SARATOGA SQUARE APTS -NYCHA	930 HALSEY ST	941 feet to the WNW	Closed Status Tank Test Failure
33	NYC HOUSING AUTHORITY - NYCHA	930 HALSEY ST	941 feet to the WNW	Closed Status Spill (Unk/Other Cause)
41	CON ED MANHOLE #65849	SOUTH SIDE MACON/SARATOGA	1181 feet to the WNW	Closed Status Spill (Unk/Other Cause)
57	APARTMENT BLDG	839 HALSEY STREET	1660 feet to the WNW	Closed Status Spill (Unk/Other Cause)
58	839 HALSEY STREET	839 HALSEY STREET	1660 feet to the WNW	Closed Status Spill (Unk/Other Cause)
124	DRUM RUN	976 JEFFERSON AVE	1718 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
23	41 HOWARD AV / BKLN	41 HOWARD AVE	2279 feet to the WNW	Closed Status Tank Test Failure
104	VS 4630	HOWARD AV & PUTNAM AV	2397 feet to the WNW	Closed Status Spill (Unk/Other Cause)

18	1016 PUTNAM AVENUE	1016 PUTNAM AVENUE	2497 feet to the WNW	Closed Status Tank Failure
52	JEFFERSON AVE. & BROADWAY	JEFFERSON AVE / BROADWAY	1547 feet to the NW	Closed Status Spill (Unk/Other Cause)
15	RESIDENCE	1097 PUTNAM AVE	2168 feet to the NW	Closed Status Tank Failure
111	SB #53417	32A WOODBINE ST	2566 feet to the NW	Closed Status Spill (Unk/Other Cause)
35	SPILL NUMBER 0104561	63 ELDERT ST	999 feet to the NNW	Closed Status Spill (Unk/Other Cause)
44	SERVICE BOX	71 WIERFELD ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
12	GREENPOINT SAVINGS BANK	1225 BUSHWICK AVE	1484 feet to the NNW	Closed Status Tank Failure
45	MANHOLE TM569	HANCOCK CTR/BUSHWOOD AVE	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
46	MANHOLE 569	HANCOCK ST & BUSHWICK AV	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
47	MANHOLE #2340	BUSHWICK AVE & HANCOCK ST	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
48	TM 569	HANCOCK ST/BUSHWICK AV	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
49	TM569	HANCOCK STREET/BUSHWORK	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
21	1209 BUSHWICK AVE	1209 BUSHWICK AVE	1646 feet to the NNW	Closed Status Tank Test Failure
100	MANHOLE #2361	CONELIA ST & EVERGREEN AVE	2315 feet to the NNW	Closed Status Spill (Unk/Other Cause)
101	MANHOLE # 2361	EVERGREEN AV/CORNELOUS ST	2315 feet to the NNW	Closed Status Spill (Unk/Other Cause)
110	556 EVERGREEN AVE	556 EVERGREEN AVE	2551 feet to the NNW	Closed Status Spill (Unk/Other Cause)

Identified Toxic Sites by Category

Broadway/Decatur St Properties Brooklyn, NY 11233

* Compass directions can vary substantially for sites located very close to the subject property address.

National Priority List (NPL) Sites --- Total Sites -- 1			Database searched at 1 MILE -- ASTM required search distance: 1 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	NYC200400810	WOLFF-ALPORT CHEMICAL COMPANY	1125-1139 IRVING AVENUE	4228 feet to the NE
NYSDEC Inactive Haz. Waste Disposal Site Registry --- Total Sites -- 1			Database searched at 1 MILE -- ASTM required search distance: 1 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
2	224042	192 RALPH AVENUE	192 RALPH AVE	2668 feet to the W
Solid Waste Facilities --- Total Sites -- 1			Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
3	NY40000011825	FIVE STAR AUTO REBUILDERS INC	1533 BUSHWICK AVE	1844 feet to the ESE
Active Tank Failures --- Total Sites -- 2			Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
4	0612742	BASEMENT	1419 BUSHWICK AVE	881 feet to the ENE
5	0408751	AKA 31-33 MONACO PLACE	2121 MONACO PLACE	2623 feet to the SSE
Active Tank Test Failures --- Total Sites -- 1			Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
6	9010234	OCEAN HILL -NYCHA	24 STONE AVENUE	1130 feet to the SE
Active Haz Spills (Unknown Causes & Other Causes) --- Total Sites -- 1			Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
7	1312167	IN FRONT OF	434 BAINE BRIDGE STREET	1780 feet to the WSW
Closed Status Tank Failures --- Total Sites -- 11			Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
8	9709795	ENGINE CO. 233/LADD. CO. 176 FDNY -DDC	25 ROCKAWAY AVENUE	227 feet to the SE
9	9713231	SPILL NUMBER 9713231	1311-A BUSHWICK AVE	881 feet to the N
10	9101342	139 HULL ST/BKLYN	139 HULL STREET	1304 feet to the S
11	0006043	615 DECATUR ST	615 DECATUR ST	1451 feet to the W
12	9711700	GREENPOINT SAVINGS BANK	1225 BUSHWICK AVE	1484 feet to the NNW
13	0612788	APARTMENT BUILDING	211 HULL STREET	1541 feet to the SE
14	0604106	BACKYARD OF HOUSE	632 MACDONOWGH STREET	2145 feet to the W
15	0511584	RESIDENCE	1097 PUTNAM AVE	2168 feet to the NW
16	0402374	COMMERCIAL LOT	673 CENTRAL AVE	2176 feet to the NE
17	0600324	2006 A FULTON STREET	2006 A FULTON STREET	2358 feet to the SW
18	9412373	1016 PUTNAM AVENUE	1016 PUTNAM AVENUE	2497 feet to the WNW
Closed Status Tank Test Failures --- Total Sites -- 5			Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
19	0102559	ENGINE CO. 233/LADD. CO. 176 FDNY -DDC	25 ROCKAWAY AVENUE	227 feet to the SE
20	9801627	SARATOGA SQUARE APTS -NYCHA	930 HALSEY ST	941 feet to the WNW
21	9913509	1209 BUSHWICK AVE	1209 BUSHWICK AVE	1646 feet to the NNW
22	0212200	WOLF PETROLEUM CORP	1532 BUSHWICK AVE	1762 feet to the ESE
23	8909247	41 HOWARD AV / BKLN	41 HOWARD AVE	2279 feet to the WNW

Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites – 90 Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
24	0004677	MANHOLE # 112	BROADWAY & COPPER AVE	55 feet to the ESE*
25	9513028	561 CHAUNCEY STREET	561 CHAUNCEY STREET	237 feet to the S
26	0006985	30 COOPER ST	30 COOPER ST	381 feet to the ENE
27	0502165	SERVICE BOX 1673	498 CHAUNCEY ST	388 feet to the S
28	0411465	RESIDENCE	702 DECATUR ST	445 feet to the W
29	0008616	SB 41971	35 SCHAFFER ST	510 feet to the N
30	0411790	RESIDENTIAL BUILDING	555 BAINBRIDGE STREET	514 feet to the WSW
31	9909985	MANHOLE 63289	ELDERT ST/BROADWAY	520 feet to the NW
32	9810334	SERVICE BOX 41972 IFO	63 SCHAEFER ST	912 feet to the NNE
33	0004890	NYC HOUSING AUTHORITY – NYCHA	930 HALSEY ST	941 feet to the WNW
34	0030010	SPILL NUMBER 0030010	1435 BUSHWICK AVE	941 feet to the ENE
35	0104561	SPILL NUMBER 0104561	63 ELDERT ST	999 feet to the NNW
36	0713502	DRUM RUN	76 MOFFAT ST	1030 feet to the ENE
37	9900820	MANHOLE #4220	PILLING ST/BUSHWICK AVE	1062 feet to the E
38	9309456	SARATOGA AVE & DECATUR ST	SARATOGA AVE & DECATUR ST	1106 feet to the W
39	0008216	RESIDENCE	333 MARION STREET	1110 feet to the SW
40	0302414	OCEAN HILL HOUSES –NYCHA	24 STONE AVENUE	1130 feet to the SE
41	0400614	CON ED MANHOLE #65849	SOUTH SIDE MACON/SARATOGA	1181 feet to the WNW
42	9813679	MANHOLE 63913	CHAUNCEY ST/SARATOGA AVE	1246 feet to the WSW
43	9812474	WINQ RES	242 SUMPTER ST	1286 feet to the SSW
44	0001063	SERVICE BOX	71 WIERFELD ST	1479 feet to the NNW
45	9901327	MANHOLE TM569	HANCOCK CTR/BUSHWOOD AVE	1503 feet to the NNW
46	9810073	MANHOLE 569	HANCOCK ST & BUSHWICK AV	1503 feet to the NNW
47	0005303	MANHOLE #2340	BUSHWICK AVE & HANCOCK ST	1503 feet to the NNW
48	0005298	TM 569	HANCOCK ST/BUSHWICK AV	1503 feet to the NNW
49	0003751	TM569	HANCOCK STREET/BUSHWORK	1503 feet to the NNW
50	9712426	CITYGAS GAS STATION	1508 BUSHWICK AVE	1508 feet to the ESE
51	0801368	IN ROADWAY	1508 BUSHWICK AVE	1508 feet to the ESE
52	8702940	JEFFERSON AVE. & BROADWAY	JEFFERSON AVE / BROADWAY	1547 feet to the NW
53	0602830	MANHOLE 70405	HULL STREET NEAR STONE STREET	1580 feet to the SE
54	0405087	SERVICE BOX # 21235	174 HULL ST	1593 feet to the SSE
55	1005940	STREET SIDE	318 MCDOUGALL ST	1597 feet to the SE
56	9802684	SPILL NUMBER 9802684	1509 BUSHWICK AVE	1601 feet to the E
57	9514531	APARTMENT BLDG	839 HALSEY STREET	1660 feet to the WNW
58	9514530	839 HALSEY STREET	839 HALSEY STREET	1660 feet to the WNW
59	0409230	PRIVATE RESIDENCE	11 SOMERS ST	1660 feet to the S
60	1309450	SIDEWALK	IFO 56 SOMERS STREET	1687 feet to the SSE
61	0708308	SMITH HOME	40 SOMERS STREET	1716 feet to the SSE
62	0813338	SUBWAY TUNNEL	BUSHWICK AVE & ABERDEEN ST	1726 feet to the ESE
63	9810352	PS296 SCHOOL	125 COVERT ST	1775 feet to the NNE
64	0612318	DRUM RUN	149 MOFFAT STREET	1785 feet to the NE
65	8606601	HOPKINS AVE /FULTON ST SU	SUBWAY AT HOPKINS/FULTON	1800 feet to the S
66	1312168	IN FRONT OF	429 BAIN BRIDGE STREET	1804 feet to the WSW
67	9813780	SERVICE BOX 16718	334 CHAUNCEY ST	1822 feet to the WSW
68	9814887	MANHOLE 695	DECATUR ST/HOWARD AVE	1875 feet to the W
69	9108087	770 CHAUNCEY ST/CBS FOODS	770 CHAUNCEY ST/CBS FOODS	1880 feet to the ENE
70	9812674	MANHOLE #28722	MACON ST & HOWARD	1921 feet to the W
71	0801738	SUBWAY	ROCKAWAY AVE STATION	1953 feet to the SSE
72	0011026	ROCKAWAY AVE STATION –NYCT	2158 FULTON ST (C LINE)	1953 feet to the SSE
73	9514619	1215 HERKIMER STREET	1215 HERKIMER STREET	1969 feet to the S

74	9711780	RESIDENCE--HPD	1257 HERKIMER ST	1976 feet to the S
75	0010761	MANHOLE 14355	HULL ST / SARATOGA AV	1979 feet to the SSW
76	0314209	CONSOLIDATED BUS COMPANY	2037 EASTERN PARKWAY	1998 feet to the ESE
77	9903141	SERVICE BOX 14548	411-413 BAINBRIDGE ST	2025 feet to the WSW
78	9511510	79 DESALES PL	79 DESALES PL	2028 feet to the E
79	9903145	SERVICE BOX 15457	416 BAINBRIDGE ST	2041 feet to the WSW
80	9611846	H.P.D. HOUSING	21 HULL ST	2073 feet to the SW
81	9712516	NEW CONSTRUCTION	150 SUMPTER ST	2094 feet to the SW
82	8907862	CHAUNCEY ST & CENTRAL AVE	CHAUNCEY ST & CENTRAL AVE	2105 feet to the NE
83	0905714	STREET	INTERSECTION CENTRAL AVE & CHAUNCEY ST	2105 feet to the NE
84	9404257	1222 HERKIMER ST	1222 HERKIMER ST	2127 feet to the S
85	0701165	KHISNEN PROPERTY	BEHIND 671 TO 675 CENTRAL AVENUE	2145 feet to the NE
86	0000947	SEVICE BOX 16709	347 CHAUNCY ST	2154 feet to the WSW
87	9515842	VACANT LOT NEXT TO HER	83 MACDOUGAL ST	2163 feet to the SW
88	0501478	SERVICE BOX #28721	738 MACON ST	2164 feet to the W
89	9708059	NEXT TO 85 MACDOUGAL ST	BY HOWARD AVE & MACDOUGAL	2182 feet to the SW
90	9401030	233 HOWARD AVENUE	233 HOWARD AVENUE	2184 feet to the SW
91	0501479	SERVICE BOX #28718	755 MACON ST	2198 feet to the W
92	9808332	SPILL NUMBER 9808332	229-233 MARION ST	2223 feet to the WSW
93	9707862	77 MACDOUGAL ST	77 MACDOUGAL ST	2247 feet to the SW
94	0407975	CAR LEAK	615 MACDOUGH ST	2254 feet to the W
95	0913454	MULTI FAMILY	1115 HERKIMER ST	2263 feet to the SSW
96	0506914	VAULT # 3800	HERKIMER ST NEAR SARATOGA AVE	2301 feet to the SSW
97	0410920	VAULT VS 3704	SARTOGA AVE AND HERKIMER	2301 feet to the SSW
98	0501596	MANHOLE 2386	CENTRAL AVE/WEIERFIELD	2306 feet to the N
99	0004587	MANHOLE 2386	WEIRFIELD ST/CENTRAL AVE	2306 feet to the N
100	0008001	MANHOLE #2361	CONELIA ST & EVERGREEN AVE	2315 feet to the NNW
101	0007334	MANHOLE # 2361	EVERGREEN AV/CORNELOUS ST	2315 feet to the NNW
102	0810729	MUTIPLE DWELLING	2224 FULTON STREET	2341 feet to the SSE
103	9700115	PRIVATE RESIDENCE	1095 HERKIMER ST	2346 feet to the SSW
104	0413211	VS 4630	HOWARD AV & PUTNAM AV	2397 feet to the WNW
105	0001970	MANHOLE 30529	205 MOFFAT ST	2407 feet to the NE
106	0612263	BASEMENT	371 BAINBRIDGE ST	2411 feet to the WSW
107	9811536	SERVICE BOX 20476	1167 HALSEY ST	2472 feet to the N
108	0607553	PS # 040	265 RALPH AVE	2518 feet to the WSW
109	0206206	MH 559S	ROCKAWAY AV/ATLANTIC AVE	2531 feet to the S
110	9601214	556 EVERGREEN AVE	556 EVERGREEN AVE	2551 feet to the NNW
111	0001472	SB #53417	32A WOODBINE ST	2566 feet to the NW
112	0105544	MANHOLE 4262	BROADWAY + CONWAY STREET	2627 feet to the SE
113	0302444	SPILL NUMBER 0302444	598 WILSON AVE	2628 feet to the NNE

Closed Status Spills (Miscellaneous Spill Causes) --- Total Sites - 15

MAP ID	FACILITY ID	FACILITY NAME
114	1003211	CARE FOR THE HOMELESS
115	1002698	DRUM RUN
116	9112908	559 CHAUNCEY ST
117	9512828	598 BAINBRIDGE ST
118	0011863	SPILL NUMBER 0011863
119	9415088	539 CHAUNCEY STREET
120	9415076	539 CHAUNCEY STREET
121	0812815	APT BLDG
122	9713636	RESIDENCE AT
123	0713341	STOLEN VAN

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
1675 BROADWAY	159 feet to the N*
25 ROCKAWAY AVE	227 feet to the SE
559 CHAUNCEY ST	246 feet to the S
598 BAINBRIDGE ST	309 feet to the SW
30 COOPER ST	381 feet to the ENE
539 CHAUNCEY STREET	385 feet to the SSW
539 CHAUNCEY STREET	385 feet to the SSW
38 COOPER ST	493 feet to the ENE
555 BAINBRIDGE STREET	514 feet to the WSW
76 MOFFAT ST	1030 feet to the ENE

124	1104918	DRUM RUN	976 JEFFERSON AVE	1718 feet to the WNW
125	0810922	765 MACON ST	765 MACON ST	2111 feet to the W
126	0105366	SPILL NUMBER 0105366	233 HOWARD AVENUE	2184 feet to the SW
127	9514547	358 BAYBRIDGE ST	358 BAYBRIDGE ST	2603 feet to the WSW
128	8909471	183 RALPH AVE	183 RALPH AVE	2608 feet to the W

Petroleum Bulk Storage Sites --- Total Sites - 10

MAP ID	FACILITY ID	FACILITY NAME
129	NY06214	LYDIA MCLAUGHLIN
130	2-357170	ENGINE COMPANY 233
131	2-466468	789 MCDONOUGH STREET HDFC
132	NY07589	OCEAN HILL BROWNVILLE
133	NY10201	W OERTLY ASSOCIATES
134	2-612110	COVERT STREET REALTY, LLC
135	NY05385	JOHN A GRIFFITH
136	NY04239	GEORGE RHODES
137	2-611260	EDDIE HARRIS RESIDENTIAL FACILITY
138	2-345113	SARATOGA BRANCH

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
820 MAC DONOUGH ST	83 feet to the WNW*
25 ROCKAWAY AVENUE	237 feet to the SE
789 MAC DONOUGH STREET IC	361 feet to the WNW
789 MAC DONOUGH ST	361 feet to the WNW
510 CHAUNCEY ST	375 feet to the SSE
26 COVERT STREET	432 feet to the NNW
26 COVERT ST	432 feet to the NNW
48 ROCKAWAY AVE	484 feet to the SSE
629 CHANCEY STREET	521 feet to the ESE
8 HOPKINSON AVE	548 feet to the WNW

Hazardous Waste Generators, Transporters --- Total Sites - 35

MAP ID	FACILITY ID	FACILITY NAME
139	NYP004417838	CON EDISON
140	NYP004185427	CON EDISON
141	NYP004549028	CON EDISON
142	NYP004488482	CON EDISON
143	NYP004438065	CON EDISON
144	NYP004489647	CON EDISON
145	NYP004487823	CON EDISON
146	NYP004007225	CONSOLIDATED EDISON
147	NYP004524633	CON EDISON
148	NYP004417820	CON EDISON
149	NYP004480588	CON EDISON
150	NYP004370730	CON EDISON
151	NYP004491569	CON EDISON
152	NYP003665908	NYCDEP
153	NYP004522728	CON EDISON
154	NYP004451597	CON EDISON
155	NYP004481095	CON EDISON
156	NYP004408100	CON EDISON
157	NYP004477923	CON EDISON
158	NYP004540258	CON EDISON
159	NYP004506283	CON EDISON
160	NYP004373395	CON EDISON
161	NYP004412060	CON EDISON
162	NYP004483764	CON EDISON
163	NYR000082073	MTA NYCT - CHAUNCEY ST STATION J-LINE
164	NYP004366746	CON EDISON
165	NYP003662616	NYCDEP
166	NYP004505517	CON EDISON
167	NYP004185369	CONSOLIDATED EDISON
168	NYP004188369	CONSOLIDATED EDISON
169	NYD987034808	BOBE DRY CLNRS
170	NYP004346748	CON EDISON

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
NORTH WEST CORNER ROCKAWAY AVE & BAINBRIDGE ST	37 feet to the SE*
BROADWAY & SCHAEFER ST	66 feet to the NW*
FO 24 ROCKAWAY AVE	135 feet to the SSE*
F/O 731 & DECATUR ST	153 feet to the W*
603 BAINBRIDGE	181 feet to the SW*
1727 BROADWAY	210 feet to the ESE
OPP 34 ROCKAWAY AVE	241 feet to the SSE
MH4225-BROADWAY & COVERT ST	279 feet to the NW
1739 BROADWAY	281 feet to the ESE
SOUTH WEST CORNER ROCKAWAY AVE & CHANCEY ST	303 feet to the SSE
FRONT OF 577 BAINBRIDGE ST	330 feet to the WSW
21 SCHAEFER ST	340 feet to the NNW
F/O 11 MOFFAT ST	355 feet to the E
DECATUR AVE & THOMAS S BOYLAND AVE	363 feet to the W
1641 BROADWAY	375 feet to the NW
FRONT OF 524 CHAUNCEY ST	420 feet to the SE
F/O 524 CHAUNCEY ST	420 feet to the SE
535 CHAUNCEY	423 feet to the SSW
46 ROCKAWAY AVE	436 feet to the SSE
GO 707 DECATUR ST	462 feet to the W
21 COVERT ST	478 feet to the NNW
525 CHAUNCEY ST	499 feet to the SW
553 BAINBRIDGE ST	535 feet to the WSW
FRONT OF 427 & MARION ST	550 feet to the S
CHAUNCEY ST & BROADWAY	551 feet to the ESE
45 MOFFATT ST	564 feet to the ENE
HOPKINSON BTW BAINBRG & CHAUNC	566 feet to the SW
FRONT OF 453 MARION ST	584 feet to the SSE
509 CHAUNCEY ST & THOMAS S BOY	588 feet to the SW
509 CHAUNCEY ST - MH 4200	588 feet to the SW
1338 BUSHWREK AVE	601 feet to the N
1330 BUSHWICK AVE	611 feet to the N

171 NYP004528550 CON EDISON
172 NYP004522603 CON EDISON
173 NYP004472858 CON EDISON

473 MARION ST
550 BAINBRIDGE ST
47 ROCKAWAY AV

622 feet to the SE
644 feet to the WSW
645 feet to the SSE

Identified Toxic Sites by Proximity

Broadway/Decatur St Properties, Brooklyn, NY 11233

* Compass directions can vary substantially for sites located very close to the subject property address.

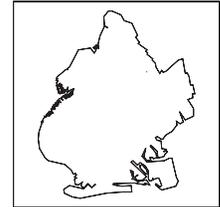
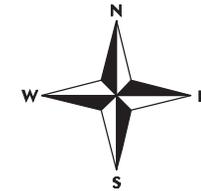
Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
139	CON EDISON	NORTH WEST CORNER ROCKAWAY AVE & BAINBRIDGE ST	37 feet to the SE*	Hazardous Waste Generator/Transporter
24	MANHOLE # 112	BROADWAY & COPPER AVE	55 feet to the ESE*	Closed Status Spill (Unk/Other Cause)
140	CON EDISON	BROADWAY & SCHAEFER ST	66 feet to the NW*	Hazardous Waste Generator/Transporter
129	LYDIA MCLAUGHLIN	820 MAC DONOUGH ST	83 feet to the WNW*	Petroleum Bulk Storage Site
141	CON EDISON	FO 24 ROCKAWAY AVE	135 feet to the SSE*	Hazardous Waste Generator/Transporter
142	CON EDISON	F/O 731 & DECATUR ST	153 feet to the W*	Hazardous Waste Generator/Transporter
114	CARE FOR THE HOMELESS	1675 BROADWAY	159 feet to the N*	Closed Status Spill (Misc. Spill Cause)
143	CON EDISON	603 BAINBRIDGE	181 feet to the SW*	Hazardous Waste Generator/Transporter
144	CON EDISON	1727 BROADWAY	210 feet to the ESE	Hazardous Waste Generator/Transporter
8	ENGINE CO. 233/LADD. CO. 176 FDNY -DDC	25 ROCKAWAY AVENUE	227 feet to the SE	Closed Status Tank Failure
19	ENGINE CO. 233/LADD. CO. 176 FDNY -DDC	25 ROCKAWAY AVENUE	227 feet to the SE	Closed Status Tank Test Failure
115	DRUM RUN	25 ROCKAWAY AVE	227 feet to the SE	Closed Status Spill (Misc. Spill Cause)
25	561 CHAUNCEY STREET	561 CHAUNCEY STREET	237 feet to the S	Closed Status Spill (Unk/Other Cause)
130	ENGINE COMPANY 233	25 ROCKAWAY AVENUE	237 feet to the SE	Petroleum Bulk Storage Site
145	CON EDISON	OPP 34 ROCKAWAY AVE	241 feet to the SSE	Hazardous Waste Generator/Transporter
116	559 CHAUNCEY ST	559 CHAUNCEY ST	246 feet to the S	Closed Status Spill (Misc. Spill Cause)
146	CONSOLIDATED EDISON	MH4225-BROADWAY & COVERT ST	279 feet to the NW	Hazardous Waste Generator/Transporter
147	CON EDISON	1739 BROADWAY	281 feet to the ESE	Hazardous Waste Generator/Transporter
148	CON EDISON	SOUTH WEST CORNER ROCKAWAY AVE & CHANCEY ST	303 feet to the SSE	Hazardous Waste Generator/Transporter
117	598 BAINBRIDGE ST	598 BAINBRIDGE ST	309 feet to the SW	Closed Status Spill (Misc. Spill Cause)
149	CON EDISON	FRONT OF 577 BAINBRIDGE ST	330 feet to the WSW	Hazardous Waste Generator/Transporter
150	CON EDISON	21 SCHAEFER ST	340 feet to the NNW	Hazardous Waste Generator/Transporter
151	CON EDISON	F/O 11 MOFFAT ST	355 feet to the E	Hazardous Waste Generator/Transporter
131	789 MCDONOUGH STREET HDFC	789 MAC DONOUGH STREET IC	361 feet to the WNW	Petroleum Bulk Storage Site
132	OCEAN HILL BROWNVILLE	789 MAC DONOUGH ST	361 feet to the WNW	Petroleum Bulk Storage Site
152	NYCDEP	DECATUR AVE & THOMAS S BOYLAND AVE	363 feet to the W	Hazardous Waste Generator/Transporter
133	W OERTLY ASSOCIATES	510 CHAUNCEY ST	375 feet to the SSE	Petroleum Bulk Storage Site
153	CON EDISON	1641 BROADWAY	375 feet to the NW	Hazardous Waste Generator/Transporter
26	30 COOPER ST	30 COOPER ST	381 feet to the ENE	Closed Status Spill (Unk/Other Cause)
118	SPILL NUMBER 0011863	30 COOPER ST	381 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
119	539 CHAUNCEY STREET	539 CHAUNCEY STREET	385 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
120	539 CHAUNCEY STREET	539 CHAUNCEY STREET	385 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
27	SERVICE BOX 1673	498 CHAUNCEY ST	388 feet to the S	Closed Status Spill (Unk/Other Cause)
154	CON EDISON	FRONT OF 524 CHAUNCEY ST	420 feet to the SE	Hazardous Waste Generator/Transporter
155	CON EDISON	F/O 524 CHAUNCEY ST	420 feet to the SE	Hazardous Waste Generator/Transporter
156	CON EDISON	535 CHAUNCEY	423 feet to the SSW	Hazardous Waste Generator/Transporter
134	COVERT STREET REALTY, LLC	26 COVERT STREET	432 feet to the NNW	Petroleum Bulk Storage Site
135	JOHN A GRIFFITH	26 COVERT ST	432 feet to the NNW	Petroleum Bulk Storage Site
157	CON EDISON	46 ROCKAWAY AVE	436 feet to the SSE	Hazardous Waste Generator/Transporter
28	RESIDENCE	702 DECATUR ST	445 feet to the W	Closed Status Spill (Unk/Other Cause)
158	CON EDISON	GO 707 DECATUR ST	462 feet to the W	Hazardous Waste Generator/Transporter
159	CON EDISON	21 COVERT ST	478 feet to the NNW	Hazardous Waste Generator/Transporter
136	GEORGE RHODES	48 ROCKAWAY AVE	484 feet to the SSE	Petroleum Bulk Storage Site
121	APT BLDG	38 COOPER ST	493 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
160	CON EDISON	525 CHAUNCEY ST	499 feet to the SW	Hazardous Waste Generator/Transporter

29	SB 41971	35 SCHAFFER ST	510 feet to the N	Closed Status Spill (Unk/Other Cause)
30	RESIDENTIAL BUILDING	555 BAINBRIDGE STREET	514 feet to the WSW	Closed Status Spill (Unk/Other Cause)
122	RESIDENCE AT	555 BAINBRIDGE STREET	514 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
31	MANHOLE 63289	ELDERT ST/BROADWAY	520 feet to the NW	Closed Status Spill (Unk/Other Cause)
137	EDDIE HARRIS RESIDENTIAL FACILITY	629 CHANCEY STREET	521 feet to the ESE	Petroleum Bulk Storage Site
161	CON EDISON	553 BAINBRIDGE ST	535 feet to the WSW	Hazardous Waste Generator/Transporter
138	SARATOGA BRANCH	8 HOPKINSON AVE	548 feet to the WNW	Petroleum Bulk Storage Site
162	CON EDISON	FRONT OF 427 & MARION ST	550 feet to the S	Hazardous Waste Generator/Transporter
163	MTA NYCT – CHAUNCEY ST STATION J–LINE	CHAUNCEY ST & BROADWAY	551 feet to the ESE	Hazardous Waste Generator/Transporter
164	CON EDISON	45 MOFFATT ST	564 feet to the ENE	Hazardous Waste Generator/Transporter
165	NYCDEP	HOPKINSON BTW BAINBRG & CHAUNC	566 feet to the SW	Hazardous Waste Generator/Transporter
166	CON EDISON	FRONT OF 453 MARION ST	584 feet to the SSE	Hazardous Waste Generator/Transporter
167	CONSOLIDATED EDISON	509 CHAUNCEY ST & THOMAS S BOY	588 feet to the SW	Hazardous Waste Generator/Transporter
168	CONSOLIDATED EDISON	509 CHAUNCEY ST – MH 4200	588 feet to the SW	Hazardous Waste Generator/Transporter
169	BOBE DRY CLNRS	1338 BUSHWREK AVE	601 feet to the N	Hazardous Waste Generator/Transporter
170	CON EDISON	1330 BUSHWICK AVE	611 feet to the N	Hazardous Waste Generator/Transporter
171	CON EDISON	473 MARION ST	622 feet to the SE	Hazardous Waste Generator/Transporter
172	CON EDISON	550 BAINBRIDGE ST	644 feet to the WSW	Hazardous Waste Generator/Transporter
173	CON EDISON	47 ROCKAWAY AV	645 feet to the SSE	Hazardous Waste Generator/Transporter
4	BASEMENT	1419 BUSHWICK AVE	881 feet to the ENE	Active Tank Failure
9	SPILL NUMBER 9713231	1311–A BUSHWICK AVE	881 feet to the N	Closed Status Tank Failure
32	SERVICE BOX 41972 IFO	63 SCHAEFER ST	912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
20	SARATOGA SQUARE APTS –NYCHA	930 HALSEY ST	941 feet to the WNW	Closed Status Tank Test Failure
33	NYC HOUSING AUTHORITY – NYCHA	930 HALSEY ST	941 feet to the WNW	Closed Status Spill (Unk/Other Cause)
34	SPILL NUMBER 0030010	1435 BUSHWICK AVE	941 feet to the ENE	Closed Status Spill (Unk/Other Cause)
35	SPILL NUMBER 0104561	63 ELDERT ST	999 feet to the NNW	Closed Status Spill (Unk/Other Cause)
36	DRUM RUN	76 MOFFAT ST	1030 feet to the ENE	Closed Status Spill (Unk/Other Cause)
123	STOLEN VAN	76 MOFFAT ST	1030 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
37	MANHOLE #4220	PILLING ST/BUSHWICK AVE	1062 feet to the E	Closed Status Spill (Unk/Other Cause)
38	SARATOGA AVE & DECATUR ST	SARATOGA AVE & DECATUR ST	1106 feet to the W	Closed Status Spill (Unk/Other Cause)
39	RESIDENCE	333 MARION STREET	1110 feet to the SW	Closed Status Spill (Unk/Other Cause)
6	OCEAN HILL –NYCHA	24 STONE AVENUE	1130 feet to the SE	Active Tank Test Failure
40	OCEAN HILL HOUSES –NYCHA	24 STONE AVENUE	1130 feet to the SE	Closed Status Spill (Unk/Other Cause)
41	CON ED MANHOLE #65849	SOUTH SIDE MACON/SARATOGA	1181 feet to the WNW	Closed Status Spill (Unk/Other Cause)
42	MANHOLE 63913	CHAUNCEY ST/SARATGOA AVE	1246 feet to the WSW	Closed Status Spill (Unk/Other Cause)
43	WINQ RES	242 SUMPTER ST	1286 feet to the SSW	Closed Status Spill (Unk/Other Cause)
10	139 HULL ST/BKLYN	139 HULL STREET	1304 feet to the S	Closed Status Tank Failure
11	615 DECATUR ST	615 DECATUR ST	1451 feet to the W	Closed Status Tank Failure
44	SERVICE BOX	71 WIERFELD ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
12	GREENPOINT SAVINGS BANK	1225 BUSHWICK AVE	1484 feet to the NNW	Closed Status Tank Failure
45	MANHOLE TM569	HANCOCK CTR/BUSHWOOD AVE	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
46	MANHOLE 569	HANCOCK ST & BUSHWICK AV	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
47	MANHOLE #2340	BUSHWICK AVE & HANCOCK ST	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
48	TM 569	HANCOCK ST/BUSHWICK AV	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
49	TM569	HANCOCK STREET/BUSHWORK	1503 feet to the NNW	Closed Status Spill (Unk/Other Cause)
50	CITYGAS GAS STATION	1508 BUSHWICK AVE	1508 feet to the ESE	Closed Status Spill (Unk/Other Cause)
51	IN ROADWAY	1508 BUSHWICK AVE	1508 feet to the ESE	Closed Status Spill (Unk/Other Cause)
13	APARTMENT BUILDING	211 HULL STREET	1541 feet to the SE	Closed Status Tank Failure
52	JEFFERSON AVE. & BROADWAY	JEFFERSON AVE / BROADWAY	1547 feet to the NW	Closed Status Spill (Unk/Other Cause)
53	MANHOLE 70405	HULL STREET NEAR STONE STREET	1580 feet to the SE	Closed Status Spill (Unk/Other Cause)
54	SERVICE BOX # 21235	174 HULL ST	1593 feet to the SSE	Closed Status Spill (Unk/Other Cause)
55	STREET SIDE	318 MCDOUGALL ST	1597 feet to the SE	Closed Status Spill (Unk/Other Cause)
56	SPILL NUMBER 9802684	1509 BUSHWICK AVE	1601 feet to the E	Closed Status Spill (Unk/Other Cause)

21	1209 BUSHWICK AVE	1209 BUSHWICK AVE	1646 feet to the NNW	Closed Status Tank Test Failure
57	APARTMENT BLDG	839 HALSEY STREET	1660 feet to the WNW	Closed Status Spill (Unk/Other Cause)
58	839 HALSEY STREET	839 HALSEY STREET	1660 feet to the WNW	Closed Status Spill (Unk/Other Cause)
59	PRIVATE RESIDENCE	11 SOMERS ST	1660 feet to the S	Closed Status Spill (Unk/Other Cause)
60	SIDEWALK	IFO 56 SOMERS STREET	1687 feet to the SSE	Closed Status Spill (Unk/Other Cause)
61	SMITH HOME	40 SOMERS STREET	1716 feet to the SSE	Closed Status Spill (Unk/Other Cause)
124	DRUM RUN	976 JEFFERSON AVE	1718 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
62	SUBWAY TUNNEL	BUSHWICK AVE & ABERDEEN ST	1726 feet to the ESE	Closed Status Spill (Unk/Other Cause)
22	WOLF PETROLEUM CORP	1532 BUSHWICK AVE	1762 feet to the ESE	Closed Status Tank Test Failure
63	PS296 SCHOOL	125 COVERT ST	1775 feet to the NNE	Closed Status Spill (Unk/Other Cause)
7	IN FRONT OF	434 BAIN BRIDGE STREET	1780 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
64	DRUM RUN	149 MOFFAT STREET	1785 feet to the NE	Closed Status Spill (Unk/Other Cause)
65	HOPKINS AVE /FULTON ST SU	SUBWAY AT HOPKINS/FULTON	1800 feet to the S	Closed Status Spill (Unk/Other Cause)
66	IN FRONT OF	429 BAIN BRIDGE STREET	1804 feet to the WSW	Closed Status Spill (Unk/Other Cause)
67	SERVICE BOX 16718	334 CHAUNCEY ST	1822 feet to the WSW	Closed Status Spill (Unk/Other Cause)
3	FIVE STAR AUTO REBUILDERS INC	1533 BUSHWICK AVE	1844 feet to the ESE	Solid Waste Facility
68	MANHOLE 695	DECATUR ST/HOWARD AVE	1875 feet to the W	Closed Status Spill (Unk/Other Cause)
69	770 CHAUNCEY ST/CBS FOODS	770 CHAUNCEY ST/CBS FOODS	1880 feet to the ENE	Closed Status Spill (Unk/Other Cause)
70	MANHOLE #28722	MACON ST & HOWARD	1921 feet to the W	Closed Status Spill (Unk/Other Cause)
71	SUBWAY	ROCKAWAY AVE STATION	1953 feet to the SSE	Closed Status Spill (Unk/Other Cause)
72	ROCKAWAY AVE STATION -NYCT	2158 FULTON ST (C LINE)	1953 feet to the SSE	Closed Status Spill (Unk/Other Cause)
73	1215 HERKIMER STREET	1215 HERKIMER STREET	1969 feet to the S	Closed Status Spill (Unk/Other Cause)
74	RESIDENCE-HPD	1257 HERKIMER ST	1976 feet to the S	Closed Status Spill (Unk/Other Cause)
75	MANHOLE 14355	HULL ST / SARATOGA AV	1979 feet to the SSW	Closed Status Spill (Unk/Other Cause)
76	CONSOLIDATED BUS COMPANY	2037 EASTERN PARKWAY	1998 feet to the ESE	Closed Status Spill (Unk/Other Cause)
77	SERVICE BOX 14548	411-413 BAINBRIDGE ST	2025 feet to the WSW	Closed Status Spill (Unk/Other Cause)
78	79 DESALES PL	79 DESALES PL	2028 feet to the E	Closed Status Spill (Unk/Other Cause)
79	SERVICE BOX 15457	416 BAINBRIDGE ST	2041 feet to the WSW	Closed Status Spill (Unk/Other Cause)
80	H.P.D. HOUSING	21 HULL ST	2073 feet to the SW	Closed Status Spill (Unk/Other Cause)
81	NEW CONSTRUCTION	150 SUMPTER ST	2094 feet to the SW	Closed Status Spill (Unk/Other Cause)
82	CHAUNCEY ST & CENTRAL AVE	CHAUNCEY ST & CENTRAL AVE	2105 feet to the NE	Closed Status Spill (Unk/Other Cause)
83	STREET	INTERSECTION CENTRAL AVE & CHAUNCEY ST	2105 feet to the NE	Closed Status Spill (Unk/Other Cause)
125	765 MACON ST	765 MACON ST	2111 feet to the W	Closed Status Spill (Misc. Spill Cause)
84	1222 HERKIMER ST	1222 HERKIMER ST	2127 feet to the S	Closed Status Spill (Unk/Other Cause)
14	BACKYARD OF HOUSE	632 MACDONOWGH STREET	2145 feet to the W	Closed Status Tank Failure
85	KHISNEN PROPERTY	BEHIND 671 TO 675 CENTRAL AVENUE	2145 feet to the NE	Closed Status Spill (Unk/Other Cause)
86	SEVICE BOX 16709	347 CHAUNCY ST	2154 feet to the WSW	Closed Status Spill (Unk/Other Cause)
87	VACANT LOT NEXT TO HER	83 MACDOUGAL ST	2163 feet to the SW	Closed Status Spill (Unk/Other Cause)
88	SERVICE BOX #28721	738 MACON ST	2164 feet to the W	Closed Status Spill (Unk/Other Cause)
15	RESIDENCE	1097 PUTNAM AVE	2168 feet to the NW	Closed Status Tank Failure
16	COMMERCIAL LOT	673 CENTRAL AVE	2176 feet to the NE	Closed Status Tank Failure
89	NEXT TO 85 MACDOUGAL ST	BY HOWARD AVE & MACDOUGAL	2182 feet to the SW	Closed Status Spill (Unk/Other Cause)
90	233 HOWARD AVENUE	233 HOWARD AVENUE	2184 feet to the SW	Closed Status Spill (Unk/Other Cause)
126	SPILL NUMBER 0105366	233 HOWARD AVENUE	2184 feet to the SW	Closed Status Spill (Misc. Spill Cause)
91	SERVICE BOX #28718	755 MACON ST	2198 feet to the W	Closed Status Spill (Unk/Other Cause)
92	SPILL NUMBER 9808332	229-233 MARION ST	2223 feet to the WSW	Closed Status Spill (Unk/Other Cause)
93	77 MACDOUGAL ST	77 MACDOUGAL ST	2247 feet to the SW	Closed Status Spill (Unk/Other Cause)
94	CAR LEAK	615 MACDOUGH ST	2254 feet to the W	Closed Status Spill (Unk/Other Cause)
95	MULTI FAMILY	1115 HERKIMER ST	2263 feet to the SSW	Closed Status Spill (Unk/Other Cause)
23	41 HOWARD AV / BKLN	41 HOWARD AVE	2279 feet to the WNW	Closed Status Tank Test Failure
96	VAULT # 3800	HERKIMER ST NEAR SARATOGA AVE	2301 feet to the SSW	Closed Status Spill (Unk/Other Cause)
97	VAULT VS 3704	SARTOGA AVE AND HERKIMER	2301 feet to the SSW	Closed Status Spill (Unk/Other Cause)
98	MANHOLE 2386	CENTRAL AVE/WEIERFIELD	2306 feet to the N	Closed Status Spill (Unk/Other Cause)

99	MANHOLE 2386	WEIRFIELD ST/CENTRAL AVE	2306 feet to the N	Closed Status Spill (Unk/Other Cause)
100	MANHOLE #2361	CONELIA ST & EVERGREEN AVE	2315 feet to the NNW	Closed Status Spill (Unk/Other Cause)
101	MANHOLE # 2361	EVERGREEN AV/CORNELOUS ST	2315 feet to the NNW	Closed Status Spill (Unk/Other Cause)
102	MUTIPLE DWELLING	2224 FULTON STREET	2341 feet to the SSE	Closed Status Spill (Unk/Other Cause)
103	PRIVATE RESIDENCE	1095 HERKIMER ST	2346 feet to the SSW	Closed Status Spill (Unk/Other Cause)
17	2006 A FULTON STREET	2006 A FULTON STREET	2358 feet to the SW	Closed Status Tank Failure
104	VS 4630	HOWARD AV & PUTNAM AV	2397 feet to the WNW	Closed Status Spill (Unk/Other Cause)
105	MANHOLE 30529	205 MOFFAT ST	2407 feet to the NE	Closed Status Spill (Unk/Other Cause)
106	BASEMENT	371 BAINBRIDGE ST	2411 feet to the WSW	Closed Status Spill (Unk/Other Cause)
107	SERVICE BOX 20476	1167 HALSEY ST	2472 feet to the N	Closed Status Spill (Unk/Other Cause)
18	1016 PUTNAM AVENUE	1016 PUTNAM AVENUE	2497 feet to the WNW	Closed Status Tank Failure
108	PS # 040	265 RALPH AVE	2518 feet to the WSW	Closed Status Spill (Unk/Other Cause)
109	MH 559S	ROCKAWAY AV/ATLANTIC AVE	2531 feet to the S	Closed Status Spill (Unk/Other Cause)
110	556 EVERGREEN AVE	556 EVERGREEN AVE	2551 feet to the NNW	Closed Status Spill (Unk/Other Cause)
111	SB #53417	32A WOODBINE ST	2566 feet to the NW	Closed Status Spill (Unk/Other Cause)
127	358 BAYBRIDGE ST	358 BAYBRIDGE ST	2603 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
128	183 RALPH AVE	183 RALPH AVE	2608 feet to the W	Closed Status Spill (Misc. Spill Cause)
5	AKA 31-33 MONACO PLACE	2121 MONACO PLACE	2623 feet to the SSE	Active Tank Failure
112	MANHOLE 4262	BROADWAY + CONWAY STREET	2627 feet to the SE	Closed Status Spill (Unk/Other Cause)
113	SPILL NUMBER 0302444	598 WILSON AVE	2628 feet to the NNE	Closed Status Spill (Unk/Other Cause)
2	192 RALPH AVENUE	192 RALPH AVE	2668 feet to the W	NYSDEC Inactive Haz Waste Disposal Site
1	WOLFF-ALPORT CHEMICAL COMPANY	1125-1139 IRVING AVENUE	4228 feet to the NE	National Priority List(NPL) Site

Toxics Targeting 1 Mile Buffer Search Map Broadway/Decatur St Properties Brooklyn, NY 11233



Kings County



National Priority List (NPL)



Inactive Hazardous Waste Disposal Registry Site



Inact. Haz Waste Disp. Registry Qualifying



RCRA Corrective Action Facility



Subject Area



Waterbody



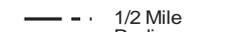
County Border



Railroad Tracks



1 Mile Radius



1/2 Mile Radius



1/4 Mile Radius

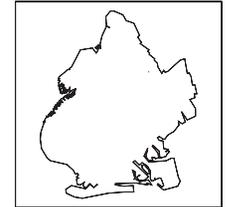
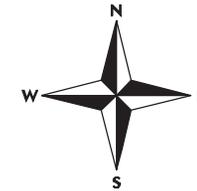


1/8 Mile Radius



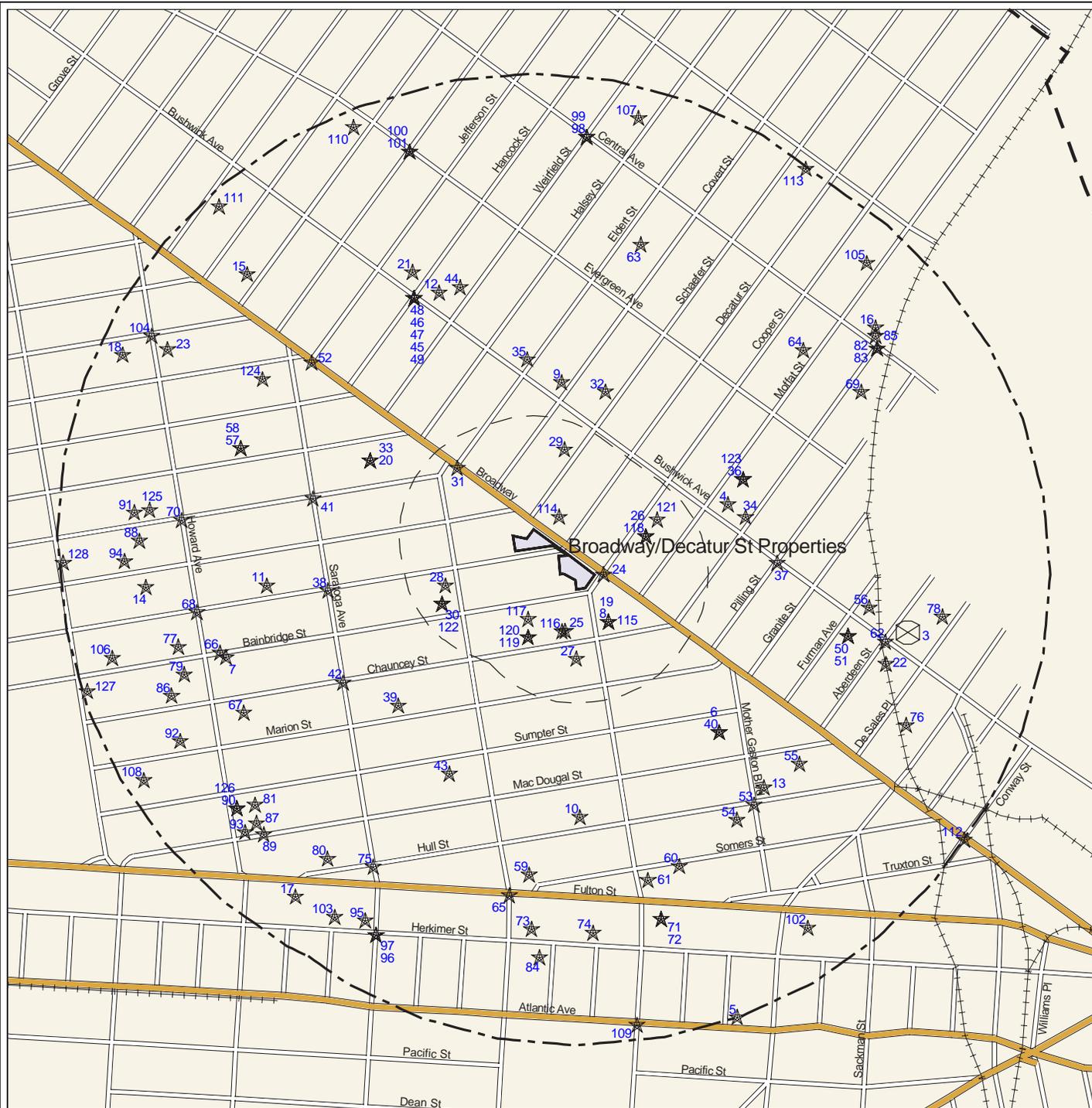
Scale: 1 inch = 1645 feet

Toxics Targeting 1/2 Mile Buffer Search Map Broadway/Decatur St Properties Brooklyn, NY 11233



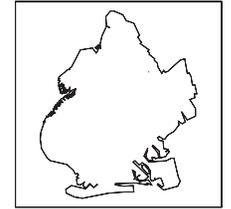
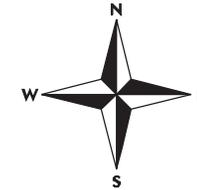
Kings County

-  Delisted NPL Site
-  CERCLIS Superfund Non-NFRAP Site
-  CERCLIS Superfund NFRAP Site
-  Hazardous Waste Treater, Storer, Disposer
-  Hazardous Substance Waste Disposal Site
-  Solid Waste Facility
-  Brownfields Site
-  Hazardous Material Spill
-  Subject Area
-  Waterbody
-  County Border
-  Railroad Tracks
-  1 Mile Radius
-  1/2 Mile Radius
-  1/4 Mile Radius
-  1/8 Mile Radius



Scale: 1 inch = 858 feet

Toxics Targeting 1/8 Mile Buffer Search Map Broadway/Decatur St Properties Brooklyn, NY 11233



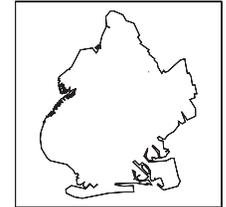
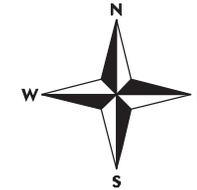
Kings County



- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Petroleum Bulk Storage Facility
- Historic Utility Site
- Subject Area
- Waterbody
- County Border
- 1/8 Mile Radius
- Railroad Tracks
- 250 Foot Radius

Scale: 1 inch = 267 feet

Toxics Targeting 1/8 Mile Buffer Closeup Map Broadway/Decatur St Properties Brooklyn, NY 11233



Kings County



- | | |
|---|--|
| National Priority List (NPL) * | Delisted NPL Site ** |
| CERCLIS Superfund Non-NFRAP Site ** | CERCLIS Superfund NFRAP Site ** |
| Inactive Hazardous Waste Disposal Registry Site * | Inact. Haz Waste Disp. Registry Qualifying * |
| Hazardous Waste Treater, Storer, Disposer ** | RCRA Corrective Action Facility * |
| Hazardous Substance Waste Disposal Site ** | Solid Waste Facility ** |
| Major Oil Storage Facility **** | Brownfields Site ** |
| Chemical Storage Facility **** | Hazardous Material Spill ** |
| Toxic Release **** | Petroleum Bulk Storage Facility **** |
| Wastewater Discharge **** | Historic Utility Site **** |
| Hazardous Waste Generator, Transp. **** | Air Release **** |
| Enforcement Docket Facility **** | Remediation Site Borders |
| Env Qual Review E Designation ***** | Subject Area |
| Subject Area | Waterbody |
| County Border | Railroad Tracks |
| 1/8 Mile Radius | 250 Foot Radius |

Scale: 1 inch = 267 feet

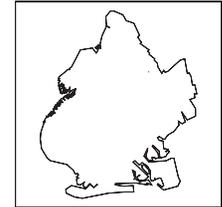
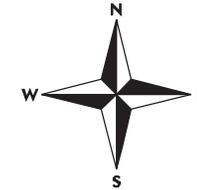
* 1 Mile Search Radius
**** 1/8 Mile Search Radius

** 1/2 Mile Search Radius
***** Onsite Search (250 Ft)

Toxics Targeting Tax Parcel Map

Broadway/Decatur St Properties

Brooklyn, NY 11233



Kings County



- National Priority List (NPL)
- CERCLIS Superfund Non-NFRAP Site
- Inactive Hazardous Waste Disposal Registry Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Env Qual Review E Designation
- Subject Area
- County Border
- Delisted NPL Site
- CERCLIS Superfund NFRAP Site
- Inact. Haz Waste Disp. Registry Qualifying
- RCRA Corrective Action Facility
- Solid Waste Facility
- Brownfields Site
- Hazardous Material Spill
- Petroleum Bulk Storage Facility
- Historic Utility Site
- Air Release
- Remediation Site Borders
- Waterbody
- Railroad Tracks

Scale: 1 inch = 145 feet

Tax Parcel Information Table

Broadway/Decatur St Properties Brooklyn, NY 11233

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01507-0041	1712 BROADWAY	HOUSING PRESERVATION	R6	V1	0		81000	1800
3-01507-0032	768 DECATUR STREET	HOUSING PRESERVATION	R6	V1	0		117000	2611
3-01503-0034	1684 BROADWAY	AVERY ENTERPRISES, IN	R6	Z9	0		19350	1780
3-01507-0033	770 DECATUR STREET	HOUSING PRESERVATION	R6	V1	0		51300	1143
3-01507-0036	1698 BROADWAY	HOUSING PRESERVATION	R6	V1	0		93150	2080
3-01507-0039	1708 BROADWAY	HOUSING PRESERVATION	R6	V1	0		272250	6066
3-01503-0031	1674 BROADWAY	AVERY ENTERPRISES INC	R6	K9	1	1925	147150	4923
3-01503-0038	DECATUR STREET	HKL DEVELOPMENT GROUP	R6	Z9	0		65250	7392
3-01507-0035	1696 BROADWAY	HOUSING PRESERVATION	R6	V1	0		83250	1852
3-01503-0029	1672 BROADWAY	AVERY ENTERPRISES INC	R6	K2	1	1925	92700	1451
3-01507-0037	1700 BROADWAY	HOUSING PRESERVATION	R6	V1	0		210150	4680

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-03432-0008	1695 BROADWAY	AVNIT DEVELOPMENT GRO	R6	K1	1	2005	450000	11950
3-03432-0053	17 COOPER STREET	LINDA M NICKLE	R6	C0	1	1910	13436	1958
3-03432-0013	976 DECATUR STREET	EDNA REMBERT	R6	C0	1	1910	26536	1950
3-03438-0064	7 MOFFAT STREET	WILLARD R HOLMES	R6	V1	0		90000	2000
3-03432-0056	11 COOPER STREET	TROXLER, EVANGELINE	R6	C0	1	1910	9770	2042
3-03426-0007	1673 BROADWAY	HUMAN RESOURCES ADMIN	R6	N2	1	1990	232200	1959
3-03438-0014	14 COOPER STREET	LINDA NICKLE	R6	C0	1	1910	14100	1942
3-03420-0007	1649 BROADWAY	BROADWAY BUSHWICK BUI	C8-2	V1	0		73800	2400
3-03420-0001	1657 BROADWAY	BROADWAY BUSHWICK BUI	C8-2	K1	1	2006	574200	7500
3-03420-0004	1655 BROADWAY	BROADWAY BUSHWICK BUI	C8-2	K1	1	1920	420750	2550
3-03426-0003	1687 BROADWAY	HUMAN RESOURCES ADMIN	R6	N2	1	1990	229500	1925
3-03432-0012	974 DECATUR STREET	BROWN VIRIS	R6	C0	1	1910	14804	1950
3-03420-0006	BROADWAY	BROADWAY BUSHWICK BUI	C8-2	V1	0		73800	2400
3-03438-0015	16 COOPER STREET	NICKLE, TKIYA	R6	C0	1	1910	14376	1942
3-03438-0005	1727 BROADWAY	BUTT, MOHAMMAD K	R6	K9	1	1931	127800	2000
3-03438-0003	BROADWAY	ANDREW H SEITEL	R6	V1	0		90000	2000
3-03426-0014	16 SCHAEFER STREET	HUMAN RESOURCES ADMIN	R6	N2	1	1990	296100	2500
3-03438-0007	1717 BROADWAY	RBH BEACHWOOD	R6	K9	1	1931	357750	7954
3-03432-0055	13 COOPER STREET	MELODY GRISSOM-TOYREL	R6	C0	1	1910	6717	1958
3-03438-0002	1737 BROADWAY	WILLARD R HOLMES	R6	V1	0		68400	1520
3-03426-0013	14 SCHAEFER STREET	HUMAN RESOURCES ADMIN	R6	N2	1	1990	296100	2500
3-03426-0009	1667 BROADWAY	ELLIOTT SUSIE M	R6	M9	1	1931	85050	5333
3-03426-0001	1689 BROADWAY	LAW DEPARTMENT	R6	V1	0		396900	8838
3-03420-0005	1653 BROADWAY	BROADWAY BUSHWICK BUI	C8-2	V1	0		72000	2350
3-03426-0004	1685 BROADWAY	HUMAN RESOURCES ADMIN	R6	N2	1	1990	400950	3369
3-03420-0154	9 SCHAEFER STREET	RODRIGUEZ, HECTOR R	C8-2	B9	1	2000	29470	2000
3-03426-0005	1675 BROADWAY	HUMAN RESOURCES ADMIN	R6	N2	1	1990	737100	6869
3-03426-0008	1669 BROADWAY	HUMAN RESOURCES ADMIN	R6	N2	1	1990	205650	1708

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-03420-0153	11 SCHAEFER STREET	BIENVENIDA RODRIGUEZ	C8-2	B9	1	2000	29470	2000
3-03432-0054	15 COOPER STREET	LUNIQUE JULIEN	R6	B1	1	1910	6344	1958
3-03438-0016	18 COOPER STREET	RAMIREZ, LARIZA	R6	C0	1	1910	10275	1942
3-03438-0013	12 COOPER STREET	LEWIS, ALMA	R6	C0	1	1910	13684	1880
3-03432-0011	970 DECATUR STREET	HERBERT, JENNIFER	R6	C0	1	1920	14804	1950
3-03420-0152	13 SCHAEFER STREET	PEREZ, JUAN A	C8-2	B9	1	2000	29413	2000
3-03438-0006	1725 BROADWAY	MUHAMMAD PADELA	R6	K1	1	1931	77850	2000
3-03432-0004	1703 BROADWAY	AVNIT DEVELOPMENT GRO	R6	K1	1	2005	450000	10000
3-03438-0004	BROADWAY	SEITEL, ANDREW H	R6	V1	0		90000	2000
3-01511-0044	563 CHAUNCEY STREET	CROOM, ADAM	R6	C0	1	1901	14727	2000
3-01503-0018	814 MAC DONOUGH STREET	VAZQUEZ, HERBERT	R6	C0	1	1901	19547	2000
3-01507-0067	583 BAINBRIDGE STREET	SMITH, NANCY	R6	B9	1	1901	6445	1800
3-01511-0034	22 ROCKAWAY AVENUE	JAMES HAMILTON	R6	S2	1	1899	12662	1387
3-01507-0046	625 BAINBRIDGE STREET	BELGRAVES BRENDA A	R6	B1	1	1899	16096	2000
3-01507-0027	758 DECATUR STREET	MILLER, TYEISHA S	R6	B9	1	1901	13708	1800
3-01511-0042	567 CHAUNCEY STREET	JONES BEATRICE P	R6	C0	1	1901	14727	2000
3-01507-0017	738 DECATUR STREET	BLACK PAULETTE	R6	B9	1	1901	13708	1800
3-01507-0069	579 BAINBRIDGE STREET	E TURNER	R6	B9	1	1901	14032	1800
3-01503-0046	739 DECATUR STREET	WILLIAMS, KWABEE	R6	C0	1	1899	9578	2000
3-01507-0059	599 BAINBRIDGE STREET	BRUZUAL, RICARDO	R6	B9	1	1901	14032	1800
3-01503-0001	47 HOPKINSON AVENUE	PARKS AND RECREATION	R6	V0	0		1860	1920
3-01499-0015	1644 BROADWAY	HAROLD WILLIS	C8-2	S2	1	1931	6502	900
3-01511-0032	18 ROCKAWAY AVENUE	HONG HUNG WONG	R6	S2	1	1988	22920	1387
3-01507-0010	724 DECATUR STREET	GARETH ROBINSON	R6	B9	1	1901	13708	1800
3-01507-0014	732 DECATUR STREET	YORK EQUITIES CORP.	R6	B9	1	1901	13708	1800
3-01507-0070	577 BAINBRIDGE STREET	TINA JONES	R6	B9	1	1901	14032	1800
3-01503-0050	731 DECATUR STREET	GRAZETTE-JORDAN, LORR	R6	C0	1	1899	9578	2000
3-01503-0015	808 MAC DONOUGH STREET	UNIT 248 CORP	R6	C2	1	1905	32321	2500
3-01507-0013	730 DECATUR STREET	PETREE, ROBIN R	R6	C0	1	1901	13708	1800
3-01499-0012	1636 BROADWAY	AHSAN, GHANI ABDUL	C8-2	K1	1	1931	115200	2550
3-01512-0017	1730 BROADWAY	WAY SIDE BAPTIST CH/I	R6	G7	0		22500	2352
3-01511-0036	26 ROCKAWAY AVENUE	ST LUKE CHRISTIAN CHU	R6	M1	1	1899	16173	1387
3-01507-0018	740 DECATUR STREET	WHITE ROSALYN L	R6	B9	1	1901	13708	1800
3-01511-0039	32 ROCKAWAY AVENUE	PRICE, TRUSTEES, ENR	R6	S2	1	1901	12662	1347
3-01503-0003	HOPKINSON AVENUE	PARKS AND RECREATION	R6	V0	0		1781	1520
3-01512-0019	BROADWAY	WAYSIDE BAPTIST CHURC	R6	G7	0		25650	2700
3-01503-0014	806 MAC DONOUGH STREET	MAMIE WIGGINS LIMITED	R6	C2	1	1905	83655	2500
3-01507-0066	585 BAINBRIDGE STREET	BLOODWORTH-MORRIS, PA	R6	B9	1	1901	14032	1800
3-01503-0021	820 MAC DONOUGH STREET	CHURCH OF GOD FOUND.J	R6	M1	1	1925	36900	950
3-01511-0048	555 CHAUNCEY STREET	FULLER, LYDIA F	R6	C0	1	1901	14727	1967
3-01503-0028	1670 BROADWAY	GHATAN HABIBOLLAH	R6	V1	0		60300	1345
3-01503-0023	1660 BROADWAY	BROADWAY III INC.	R6	C0	1	2007	35460	1897
3-01507-0028	760 DECATUR STREET	JEFFREY GREEN	R6	B9	1	1901	13708	1800
3-01503-0051	729 DECATUR STREET	MULZAC JOHN I	R6	V0	0		2192	2000
3-01507-0045	627 BAINBRIDGE STREET	CALLENDER, RONALD L	R6	B1	1	1901	16096	1947
3-01511-0043	565 CHAUNCEY STREET	114 CORP	R6	C0	1	1901	14727	1950
3-01507-0022	748 DECATUR STREET	MCNEIL, TAMEEKA D	R6	B9	1	1901	13708	1800
3-01507-0021	746 DECATUR STREET	DILON GOLDING	R6	B9	1	1901	13708	1800
3-01507-0009	722 DECATUR STREET	CULBRETH WILLIAM L	R6	B9	1	1901	13708	1800
3-01503-0022	1658 BROADWAY	HOOVER CHAVEZ	R6	V1	0		40950	909
3-01503-0025	1664 BROADWAY	KHAIR, ABUL	R6	C0	1	2007	36180	1834
3-01503-0045	741 DECATUR STREET	R STRAKER	R6	B9	1	1899	9578	2000

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01503-0043	745 DECATUR STREET	CUMBERBATCH, MERVIN	R6	C0	1	1899	9578	2000
3-01507-0020	744 DECATUR STREET	PARRIS ELMAN	R6	B9	1	1901	13708	1800
3-01503-0002	45 HOPKINSON AVENUE	PARKS AND RECREATION	R6	V0	0		1781	1520
3-01511-0028	618 BAINBRIDGE STREET	SMITH LEMOND	R6	C0	1	1899	14727	2000
3-01503-0026	1666 BROADWAY	LIZENSK REALTY CORP	R6	C5	1	1925	31950	1695
3-01511-0024	610 BAINBRIDGE STREET	FERRENS LINETTE	R6	C0	1	1899	12240	2000
3-01507-0015	734 DECATUR STREET	LOGAN, JAMES A	R6	B9	1	1901	13708	1800
3-01507-0068	581 BAINBRIDGE STREET	HAIRSTON, TANYA	R6	B9	1	1901	14032	1800
3-01507-0056	605 BAINBRIDGE STREET	KATHERINE FELDER	R6	B9	1	1901	14032	1800
3-01507-0030	764 DECATUR STREET	LAWRENCE FOWLKES	R6	B9	1	1901	13708	1800
3-01503-0047	737 DECATUR STREET	MCDUFFIE , EVELYN	R6	C0	1	1899	9578	2000
3-01503-0049	733 DECATUR STREET	HASSAN BILAL	R6	C0	1	1899	9578	2000
3-01511-0046	559 CHAUNCEY STREET	MORRIS PATRICIA B	R6	C0	1	1901	14727	2000
3-01507-0016	736 DECATUR STREET	BRUCE BLACK	R6	B9	1	1901	13708	1800
3-01503-0004	41 HOPKINSON AVENUE	ROSARIO, JESUS	R6	B9	1	1901	8210	1520
3-01507-0044	629 BAINBRIDGE STREET	JAMETTA ARMSTEAD	R6	C0	1	1899	8664	1585
3-01507-0052	613 BAINBRIDGE STREET	ROGERS CHARLES E	R6	B9	1	1901	14032	1800
3-01503-0020	818 MAC DONOUGH STREET	DUNCAN, DAMIAN	R6	C0	1	1900	9091	1800
3-01507-0061	595 BAINBRIDGE STREET	BERTIN, ANTONIA	R6	B9	1	1901	14032	1800
3-01507-0053	611 BAINBRIDGE STREET	J HAMBLIN	R6	B9	1	1901	14032	1800
3-01507-0048	621 BAINBRIDGE STREET	CLEOPATRA TROTMAN	R6	B9	1	1901	14727	2000
3-01507-0007	718 DECATUR STREET	LESLIE GREENE	R6	B9	1	1901	13708	1800
3-01503-0044	743 DECATUR STREET	NANKHAR, KIMRAJ	R6	C0	1	1899	9578	2000
3-01511-0047	557 CHAUNCEY STREET	JOSEPH INGRID	R6	C0	1	1901	14727	2000
3-01507-0051	615 BAINBRIDGE STREET	ROSS, RENEE	R6	B9	1	1901	14032	1800
3-01511-0026	614 BAINBRIDGE STREET	IROSE HAYNES	R6	C0	1	1899	14727	2000
3-01507-0012	728 DECATUR STREET	WALTON GLADYS	R6	B9	1	1901	13708	1800
3-01503-0052	727 DECATUR STREET	MIDTOWN DEVELOPMENTCORP	R6	B9	1	1899	14980	2000
3-01503-0024	1662 BROADWAY	1662 BROADWAY CORP.	R6	S9	1	1905	35271	1599
3-01503-0013	804 MAC DONOUGH STREET	LINCINCO, INC	R6	C2	1	1905	38092	2500
3-01512-0018	1732 BROADWAY	WAYSIDE BAPTIST CHURC	R6	G7	0		27000	2850
3-01507-0024	752 DECATUR STREET	BURTH , BEATRIZ	R6	B9	1	1901	13708	1800
3-01503-0016	810 MAC DONOUGH STREET	MAMIE WIGGINS LIMITED	R6	V1	0		112050	2500
3-01503-0048	735 DECATUR STREET	CORCORAN, CATHERINE	R6	B2	1	1899	9578	2000
3-01503-0005	39 HOPKINSON AVENUE	39 HOPKINSON LLC	R6	C0	1	1901	23826	1520
3-01511-0035	24 ROCKAWAY AVENUE	GYAMTSO, KELSANG	R6	C0	1	1899	16262	1387
3-01507-0057	603 BAINBRIDGE STREET	ALLEYNE & SANDRA RUSH	R6	B9	1	1901	14032	1800
3-01511-0030	622 BAINBRIDGE STREET	SAVARY, DOLORES	R6	C0	1	1899	14727	2000
3-01507-0023	750 DECATUR STREET	HUNTER, DEBORA	R6	B9	1	1901	13708	1800
3-01511-0031	624 BAINBRIDGE STREET	JUDY GRIFFITH	R6	C0	1	1899	14727	2000
3-01507-0026	756 DECATUR STREET	C HAIGHTOW	R6	B9	1	1901	13708	1800
3-01503-0011	800 MAC DONOUGH STREET	ELDERTS MANAGEMENT CO	R6	C2	1	1905	32077	2500
3-01507-0025	754 DECATUR STREET	CURTIS ESRON	R6	B9	1	1901	13708	1800
3-01503-0054	723 DECATUR STREET	MANICKCHAND, RONALD	R6	C0	1	1901	9492	2250
3-01511-0027	616 BAINBRIDGE STREET	SMART,EITEL ALPHANSO	R6	C0	1	1899	14727	2000
3-01511-0023	608 BAINBRIDGE STREET	SELWAYNE D BURKE	R6	C0	1	1899	12662	2000
3-01511-0025	612 BAINBRIDGE STREET	DOROTHY WILLIAMS	R6	C0	1	1899	14727	2000
3-01503-0017	812 MAC DONOUGH STREET	MAMIE WIGGINS LIMITED	R6	C2	1	1905	83655	2500
3-01499-0014	1642 BROADWAY	LUEVONZAR WILLIAMS	C8-2	K9	1	1931	116100	1500
3-01511-0049	553 CHAUNCEY STREET	LUCY MURPHY	R6	B9	1	1901	14727	2033
3-01512-0001	1725 ROCKAWAY AVENUE	FIRE DEPARTMENT	R6	Y1	2	1986	1386000	10950
3-01511-0029	620 BAINBRIDGE STREET	FERDINAND, FRANCIS	R6	C0	1	1899	14727	2000

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01512-0022	1746 BROADWAY	WAYSIDE BAPTIST CHURC	R6	M1	1	1901	1561950	22637
3-01507-0055	607 BAINBRIDGE STREET	IRVING COOKE	R6	B9	1	1901	14032	1800
3-01507-0006	716 DECATUR STREET	HENRIQUEZ, MARA L	R6	B9	1	1901	13708	1800
3-01511-0040	34 ROCKAWAY AVENUE	CONNIE & EDNA COOPER	R6	S2	1	1899	12662	1347
3-01507-0050	617 BAINBRIDGE STREET	ARGAMIN, THALITA	R6	C0	1	1901	11991	1800
3-01503-0053	725 DECATUR STREET	HEWITT, RHONDA	R6	C3	1	1904	32671	2250
3-01507-0047	623 BAINBRIDGE STREET	ROGERS, CHARLES	R6	B9	1	1901	14727	2000
3-01507-0063	591 BAINBRIDGE STREET	STROMAN BELINDA	R6	B9	1	1901	14032	1800
3-01511-0020	602 BAINBRIDGE STREET	STEWART, LORETTA	R6	C0	1	1899	12662	2000
3-01511-0037	28 ROCKAWAY AVENUE	ENG YICK F	R6	S2	1	1899	12662	1347
3-01507-0011	726 DECATUR STREET	TRULY WASHINGTON	R6	B9	1	1901	13708	1800
3-01507-0005	714 DECATUR STREET	ENG YICK F	R6	C0	1	1901	13708	1800
3-01499-0013	1638 BROADWAY	MAMIE WIGGINS LIMITED	C8-2	K4	1	1931	119700	2600
3-01512-0008	1720 BROADWAY	WAYSIDE BAPTIST CHURC	R6	K9	1	1901	760500	10418
3-01503-0012	802 MAC DONOUGH STREET	LINCINCO, INC	R6	C2	1	1905	38092	2500
3-01503-0019	816 MAC DONOUGH STREET	VASQUEZ, HERBERT	R6	C0	1	1925	19189	2000
3-01507-0049	619 BAINBRIDGE STREET	WILLIAMS, NEESHA	R6	B9	1	1901	14032	1800
3-01507-0065	587 BAINBRIDGE STREET	CONNOR, GUILLERMINA	R6	C0	1	1901	14032	1800
3-01507-0064	589 BAINBRIDGE STREET	TUCKER, HERMAN	R6	B9	1	1901	14032	1800
3-01507-0019	742 DECATUR STREET	BLACK, BRYAN	R6	B9	1	1901	13708	1800
3-01507-0060	597 BAINBRIDGE STREET	BEACH, CARLITO A	R6	B9	1	1901	14032	1800
3-01511-0038	30 ROCKAWAY AVENUE	WAYSIDE BAPTIST CHURC	R6	C0	1	1901	11643	1347
3-01507-0031	766 DECATUR STREET	LAWRENCE FOWLKES	R6	V2	0		2715	2600
3-01507-0054	609 BAINBRIDGE STREET	CEDRIC NEIL	R6	B9	1	1901	14032	1800
3-01507-0062	593 BAINBRIDGE STREET	MORRIS O BROWN	R6	B9	1	1901	14032	1800
3-01503-0027	1668 BROADWAY	RANDAZZO JACK	R6	V1	0		68400	1520
3-01511-0033	20 ROCKAWAY AVENUE	JAMES HAMILTON	R6	S2	1	1899	14032	1387
3-01511-0045	561 CHAUNCEY STREET	NURSE, MARK	R6	C0	1	1901	14727	2000
3-01511-0022	606 BAINBRIDGE STREET	GOODWINE WILLIAM	R6	C0	1	1899	12662	2000
3-01507-0008	720 DECATUR STREET	KERWIN BAILEY	R6	C0	1	1901	13708	1800
3-01507-0058	601 BAINBRIDGE STREET	BAKSH, SHALTUTE	R6	C0	1	1901	14032	1800
3-01507-0029	762 DECATUR STREET	MUTOPE, CLAUDETTE BOL	R6	B9	1	1901	13708	1800
3-01511-0021	604 BAINBRIDGE STREET	MCDOWALL, CYRIAQUE	R6	C0	1	1899	12662	2000

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code.
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see *How Sites are Located*, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers.
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites, or a complete description of the codes follows the profiles section.

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity:** Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity:** The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity:** The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive Toxicity:** May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced).

IRRIT TOX: **Primary Irritant:** The chemical can cause eye or skin irritation.

MCL: **Drinking Water Standard - Maximum Contaminant Level (MCL)** listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

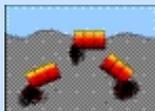
Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications:

- 1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
- 2 -- Significant threat to the public health or environment -- action required;
- 3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
- 4 -- Site properly closed --requires continued management;
- 5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
- 2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law;
- A -- Work underway and not yet complete;
- P -- Potential Site;
- D₁, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
- C -- Remediation Complete (formerly D2).



***NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS
NO DELISTED NPL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1



WOLFF-ALPORT CHEMICAL COMPANY
1125-1139 IRVING AVENUE

RIDGEWOOD, NY 11385

EPA Facility Id: NYC200400810
TT-Id: 100A-0006-524

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 4228 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE



INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 2

192 RALPH AVENUE
192 RALPH AVE

BROOKLYN, NY 11233

Facility Id: 224042
TT-Id: 120A-0004-571

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2668 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02 REGION: 2
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

SITE CODE: 224042
DEC ID: 58281

NAME OF SITE: 192 Ralph Avenue
STREET ADDRESS: 192 Ralph Ave
CITY: Brooklyn ZIP: 11233

TOWN: New York City
COUNTY: Kings

ESTIMATED SIZE: 0.009 Acre

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond-

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
V00669	VCP Site ID

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:

CURRENT OWNER(S):
NAME: Brooklyn Properties 5, LLC Owner Type: Innocent Owner -Class 2a/2/3/4/5 HS
Peter S. Rosenbaum

ADDRESS: 188 Ralph Avenue
Brooklyn, NY 11233

NAME: Brooklyn Properties 5, LLC
Peter S. Rosenbaum

Owner Type: Innocent Owner -Class 2a/2/3/4/5 HS

ADDRESS: 412 Carriage Road
Roslyn, NY 11576

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: Brooklyn Properties 5, LLC
Peter S. Rosenbaum

Operator Type: Corporate or Commercial

ADDRESS: 192 Ralph Avenue
Brooklyn, NY 11233

APPLICANT REQUESTOR(S):

NAME: Hubbell Mountain, LLC
Omri Minin

Applicant Type: Corporate or Commercial

ADDRESS: 404 East 79th Street
New York, NY 10075-1482

NAME: Brooklyn Properties 5, LLC
Peter S. Rosenbaum

Applicant Type: Corporate or Commercial

ADDRESS: 188 Ralph Avenue
Brooklyn, NY 11576

DOCUMENT REPOSITORY(S):

NAME: Saratoga Library
ADDRESS: 8 Thomas S. Boyland St
Brooklyn, NY 11233

Repository Typ: Local Government

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

Location: The site is located in an urban area in the southeastern part of the Bedford Stuyvesant section of Brooklyn. The site occupies 188 through 192 Ralph Avenue and is identified on the New York City Tax Map as Section 3, Block 1678, Lot 53.

Site Features: The main site feature is the existing three-story building on the property and an attached one-story addition with a basement at the rear (192 Ralph Avenue). The building structure is 20' x 80' occupying an area of approximately 0.037 acres.

Current Zoning/Use: The building at the site is zoned mixed Residential and Commercial (R6B) and is currently unoccupied. The surrounding properties are either zoned the same or as Residential 1 and 2 Family (primarily row house structures), which make up the majority of the area property uses. The row house property adjacent to the site building at 590 MacDonough Street has this

latter zoning designation, while the adjacent 4-story, 14-unit apartment building to the south at 196 Ralph Avenue has the residential and commercial designation.

Past Use of the Site: Dry-cleaning operations (wet chemical) were conducted at the site from approximately 1946 until 1998. From 1998 until 2000 the site was used solely as a drop-shop dry-cleaning operation. The dry-cleaning operations took place in the 20' x 20' foot addition at the rear of the building with the equipment located on the first floor. It appears that the site contamination came from releases of process chemicals into the basement area of the one-story building addition, which at the time had a dirt floor in the basement allowing migration of contaminants into the underlying soils and groundwater.

Site contamination was discovered in 2002 during an owner-initiated subsurface investigation within the basement area of the building. With the confirmation of waste disposal at the site the property owner entered the Department's Voluntary Cleanup Program (VCP) as a Volunteer in 2004. The VCP site is defined as the entire 80' x 20' parcel. The State Superfund site is a 20' x 20' area at the southern end of the parcel.

Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 2 (OU2) is the on-site source area. A Record of Decision was signed for OU2 on October 18, 2013. OU1 consists of the off-site groundwater and soil vapor plumes.

Site Geology and Hydrogeology: The general area geology is composed of outwash sand and gravel deposits. Locally, there are highly permeable fine to medium sands with some gravel. There appears to be a confining silt/clay layer of unknown thickness present in the site area around 60 to 70 feet below the ground surface. Groundwater is encountered at 35 to 40 feet below ground surface (~9 feet above sea level). The area groundwater flow is to the south/southeast.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination: Based upon investigations conducted to date the primary contaminant of concern at the site is the dry cleaning solvent tetrachloroethylene (also known as perchloroethylene, perc or PCE).

Chemical concentrations are reported in parts per billion (ppb) for water, soil samples are reported in parts per million (ppm) while air samples are reported in micrograms per cubic meter (ug/m³).

Soil Contamination: The significant soil contamination at the site is primarily limited to the area under the building footprint. The shallow soils are contaminated with PCE in the range of 10 to 344 ppm. The restricted residential soil cleanup objective (SCO) for PCE is 19 ppm.

Groundwater Contamination: Groundwater beneath the building footprint is contaminated with PCE above groundwater standard of 5 ppb. PCE has also migrated from the site area down-gradient to the south southeast under the adjoining sidewalks and streets. PCE contamination in the upper part of the aquifer (~ 40 feet below ground surface) ranges from approximately 2.4 to 320 ppb in the

vicinity of the site in February, 2013.

Soil Vapor: Soil vapor measurements taken from the five extraction wells in the basement of the building showed PCE concentrations ranged from 678 to 19,000 ug/m3 during the latest monitoring event.

Indoor Air: A post-IRM indoor air sample in the southern 20'x 20' portion of the parcel defined as the State Superfund site showed PCE at a concentration of 7.46 ug/m3. Three post-IRM indoor air samples were taken in the remainder of the parcel and contained a maximum PCE concentration of 6.71 ug/m3.

ASSESSMENT OF HEALTH PROBLEMS:

People will not come into contact with contaminated soils since they are located at depth and beneath a building foundation. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. A soil vapor extraction system has been installed beneath the on-site building to prevent the indoor air quality from being affected by the contamination in soil vapor beneath the building. The potential for off-site inhalation exposures due to soil vapor intrusion is being investigated as part of a separate investigation (Operable Unit 1).

PROJECT COMPLETIONS:

Operable Unit 02 - On-site Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation	On-Site	10/18/2013	No Further Action

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			



NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS



NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 3

FIVE STAR AUTO REBUILDERS INC
1533 BUSHWICK AVE, BROOKLYN, NY 11207

Facility Id: NY40000011825
TT-Id: 390A-0005-219



MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1844 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Activity Number	Activity Type	Active?	Regulatory Status	Activity Start Date	Activity End Date	Activity Closed Date	Activity Delisted Date
	Vehicle Dismantling	No		02/17/2002			



NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 1) Tank Failures
- 2) Tank Test Failures
- 3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 4) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, Vandalism and Storms.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 5) Tank Failures
- 6) Tank Test Failures
- 7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 8) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, Vandalism and Storms.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in New York City) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in New York City) and 0.5 mile, only the following spills are mapped and profiled:

- * Tank Failures;
- * Tank Test Failures;
- * Unknown Spill Cause or Other Spill Cause;
- * Spills greater than 100 units of quantity; and
- * Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellaneous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.

02/26/07–Hiralkumar Patel. visited site on 02/24/07. site has two 275 gal #2 oil ASTs on leg. petro technician was working on scene. as per him, oil leaked from bottom of one of these tanks. he was disconnecting all lines from this leaking tank and installing supply line, vent line from other good tank. technician tested supply/return lines and found tight. he observed some corrosion at bottom of the no leaking tank also. oil leaked on broken concrete floor in tank area and ran towards boiler room. there is room between tank area and boiler room, filled with debris. sheetrock soaked with oil. space between this sheetrock wall and foundation wall and found contamination there also. no knowledge of floor condition in this area. four drums filled with oil, left outside of building (inside building boundry) by FDNY. they pumped out remaining oil from tank and put in drums. no labels were on drums.

spoke with Joe (718–628–3300) at Petro. they have delivered 356 gal oil on 02/23/07. as per their record, they delivered 529 gal oil on 02/06/07 as owner compalined no oil in tanks. owner explained to Joe for not having oil as there was leak in steam line which ran boiler all time.

spoke with Ms. Vennis Hernandez, building super. she asked to call Rocky. spoke with owner's friend Mr. Rocky (PH. 917–709–0511, fax: 718–279–9464), who is handling property. asked him to hire contractor for detail cleanup and to removed drums from outside of building. Rocky asked to send letter to owner at following address:

Gregory Prrotta (owner)
Regional Management & Construction Inc.
203–20 Rocky Hill Road
Bayside, NY 11361

spoke with Rocky today. he hasn't hired anybody and blaming oil company for spill. he sounds like he will not do any cleanup.

spoke to Joe. he hasn't got any call from owner or owner's management for cleanup. and they are not taking responsibility.

02/27/07–Hiralkumar Patel. received message from Ms. Hernandez. she gave Mr. Prrotta's phone number (718–357–5801). left message for Mr. Prrotta.

received call from Mr. Prrotta. he believes oil spilled was less than one gallon. he mentioned that drums, which were left out of building by FDNY, were stolen during night. he told that Petro did replaced supply line on 02/22/07 and delivered oil on 02/23/07. spill happened on 02/24/07. Mr. Prrotta asked to send letter at following address:

Gregory Prrotta
Regional Management
12–40 Clintonville Street
Whitestone, NY 11357
Ph. (718) 357–5801 Ext. 522
Fax (646) 304–1118

sent CSL to Mr. Prrotta, to both addresses (whitestone, bayside) requiring soil/groundwater delineation, endpoint samples and vapor barrier installation. letter faxed to Mr. Prrotta.

06/19/07–Hiralkumar Patel. left message for Mr. Prrotta.

10/09/07–Hiralkumar Patel. left message for Mr. Prrotta.
 10/10/07–Hiralkumar Patel. received message from Mr. Prrotta. left message for Mr. Prrotta.
 10/15/07–Hiralkumar Patel. received message from Mr. Prrotta asking fax number. left message for Mr. Prrotta with office fax number.
 10/31/07–Hiralkumar Patel. left message for Mr. Prrotta.
 11/13/07–Hiralkumar Patel. received message from Mr. Prrotta asking for fax number. sent fax to Mr. Prrotta with fax number and email address.

11/29/07–Hiralkumar Patel. left message for Mr. Prrotta.
 01/31/08–Hiralkumar Patel. left message for Mr. Prrotta to response by Feb. 4, 2008.
 02/05/08–Hiralkumar Patel. received message from Mr. Prrotta. left message for Mr. Prrotta.

08/17/12–Hiralkumar Patel. tried Mr. Prrotta’s number, but not in–service.

Map Identification Number 5 **AKA 31–33 MONACO PLACE** **Spill Number: 0408751** **Close Date:**
 2121 MONACO PLACE BROOKLYN, NY TT–Id: 520A–0045–782

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2623 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: MAURICE	Spiller Phone: (516) 482–0276
Notifier Type: Other	Notifier Name: ROMEO SANTOS	Notifier Phone: (718) 857–3100
Caller Name: ROMEO SANTOS	Caller Agency: DON CARLO ENVIRONMENTAL S	Caller Phone: (718) 857–3100
DEC Investigator: ADZHITOM	Contact for more spill info: MAURICE	Contact Person Phone: (516) 482–0276

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/08/2004		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

2 550 gal tanks

DEC Investigator Remarks:

During excavation to re-develop the lot, two 550 gallon gasoline ust's were uncovered. DC Env. was retained to remove the tanks. A gas-water mix was pumped from the tanks and soil contamination was encountered. A contaminated soil letter was sent. New Owner Maurice Shami- #212-656-1338 Maurice called and stated that DC spilled the gas while conducting the pump out. Maurice requested and was given the names and numbers of 6 additional consultants upon his request.

11/17/04-Vought-Spoke to Reza Khanbilzardi who is a consultant (Indertech Consultants 914-329-3440) who is requesting DEC requirements. DEC requires: 1)collection of five endpoint soil samples and EPA Methods 8260/8270 2)collection of one groundwater sample 3)locations of fill ports and pump islands 4)copies of soil disposal manifests 5)site plan with sampling locations.

1/12/04

Bill Vardy left message 914-329-3440 requesting 10 day extension to submit report. Rommel

1/26/05-Vought-Spoke to Reza and he is requesting an additional ten days to submit report. Report will be submitted by 2/8/05.

02/08/05

Reza called 914-329-3440. He is the engineer representing the owner. He will overnight the report tomorrow. Rommel

2/11/04-Vought-Received message from Reza on 2/9/05. Vought returned call and he sent report via FedEx to Rommel. Vought told him to call Rommel on 2/14/05.

3/3/05 - Spoke to Reza Khanbilvardi, he is asking a quick review of the closure report. He stated that only minor contamination found with the soil boring and sampling. Need to find the report and get back to him for a determination. - KST

3/8/05 - Owner, Maurice, called and begging to review the closure report. I told him that we have not received the report. He will called his consultant to get a copy and hand deliver it to DEC. - KST

3/9/05-Vought-Spill transferred from Rommel to Vought as per Tang. Review of Subsurface Investigation Report submitted by InterTech Inc (Reza Khanbilvardi)dated 2/9/05 and received on 3/7/05. Owner of property is Maurice Shami. "The site is vacant land..." "A small excavation (approximate size of 12 ft wide by 16 foot long and 7 ft deep were noticed on the southwest portion of the site." "This is the location of the two empty oil tanks which resulted in above spill number to be issued". Five endpoint soil samples were collected on 12/7/05. One groundwater sample was also collected. "Since all soil samples taken at the site meets recommended soil cleanup objective criteria and semi-volatile compounds in groundwater are not detected, the elevated volatile amount in groundwater could not have been due to any element on the property. It must be noted that an active commercial gas station is on the other corner of Monaco Place and Atlantic Avenue". Report recommends that "we don't believe that any action with respect to soil cleanup is warranted for this site". Site plan shows three proposed two-story buildings onsite. Groundwater at depth of 12' below grade. Groundwater analyticals show 61ppb benzene, 300ppb toluene, 72ppb ethylbenzene, 200ppb xylene and 14ppb MTBE. DEC requires signing of Stipulation Agreement: 1)locations of fill ports and pump islands 2)notification to NYC agencies requesting no development of site 3)determination of groundwater flow direction via installation of three monitoring wells 4)installation of vapor barrier upon development of site 5)installation of passive venting system or performance of soil gas sampling as per NYSDOH guidance upon development of site 6)surrounding area site plan. Vought called Khanbilvardi and left message to return call to DEC. Vought sent Stipulation with above requirements with due date of

4/18/05.

3/10/05–Vought–Received message from Reza. Vought returned call and left message to return call to DEC.

3/14/05–Vought–Meeting at DEC with Reza and Maurice Shami. DEC will give approval to start construction once we receive and approve plan for vapor barrier and three onsite monitoring wells. No passive ventilation system or soil gas sampling will be required due to clean soil endpoints, lack of basement, relatively minor groundwater contamination and 6' depth to groundwater.

3/15/05–Vought–Received call from Maurice Shami (516–482–0276) and copy of bargain and sale deed which referred to previous owner as:

Stephen Carter
679 East 98th Street
Brooklyn, NY

Vought called Shami and left message to return call to DEC.

3/22/05–Vought–Received fax from Inter Tech dated 3/16/05."we came to the decision to do the following: 1)the owner of the above referenced property will install a vapor barrier under the footings and basement floor slabs of the proposed construction on the site. This will be done after the excavation and prior to pouring the concrete of the foundation." "The owner will install three monitoring wells...to determine groundwater flow direction with respect to the above site". "You will provide approval letter to install these wells on the sidewalk". "I appreciate your acknowledgement of receiving this letter and also your consent to it and start of the construction at the site so Mr. Shami can proceed with the construction ". Vought sent out sidewalk permit letter and called Inter Tech to explain that consent to begin construction will not be given until groundwater results are received and groundwater flow direction is determined.

3/29/05–Vought–Called Maurice Shami for update on site and left message to return call.

3/31/05–Vought–Received call from Reza that wells were scheduled to be installed tomorrow and whether sidewalk permit was needed due to DEC sidewalk permit letter. Vought explained that letter was to effectuate the obtaining of a permit and that the permit was still required from DOT.

4/5/05–Vought–Received message from Reza. Vought returned call and left message to return call to DEC. Vought spoke to Reza and he will install wells onsite as opposed to sidewalk so that sidewalk permits are not needed.

5/19/05–Vought–Reviewed Investigation Report (Inter Tech) dated 5/17/05 and received on 5/18/05. Installation of three 4–inch monitoring wells. Contractor who installed wells was American Environmental Assessment Corp. Report recommends "...we do not believe that any action with respect to cleanup is warranted for this site. We therefore, request your approval to start the construction project as the owner is patiently waiting for the last 6 months". Groundwater analyticals show: 13ppb ethylbenzene(MW2), 82ppb MTBE(MW2), 120ppb n–propylbenzene(MW2), 72ppb isopropylbenzene(MW2), 440ppb MTBE(MW3). Source of minor groundwater contamination may be from onsite UST excavation (despite clean endpoints) or from upgradient site(due to minor groundwater contamination in well MW2). DEC sent letter approving construction of residence with installation of vapor barrier as per 3/16/05 letter and requiring as per 3/9/05 STIP cover letter: 1)surrounding area site plan with possible upgradient sources 2)continued quarterly monitoring of groundwater 3)installation of well downgradient from former tankfield and Boring B1

on sidewalk of Atlantic Avenue 4)submission of PBS registration 5)locations of remote fill and dispenser islands. Vought called Maurice and left message.

5/27/05–Vought–Spoke with Maurice and five additional tanks discovered during excavation for building. Maurice is hiring American Environmental to remove the tanks. Maurice will call back with update on tank removal. Maurice returned call and American (631–586–2000 Danny Herzberger) will do tank removal on 6/6/05.

6/1/05–Vought–Received call from Herschberger. Vought returned call and left message to return call.

6/6/05–Vought–Received call from Herschberger(516–852–4713). Vought returned call and tanks registered with PBS. Five endpoint samples will be collected and sampled for 8021 plus MTBE and 8270. Dan will call DEC when excavation is complete so that site visit may be scheduled. Received call from Dan that tanks were removed and impacted soil was found. Vought required excavation of impacted soil and called Maurice to restate requirement.

6/7/05–Vought–Received call from Herschberger. Vought returned call and American will only be removing tanks and underlying pad. A sixth tank was discovered and Maurice's contractor will be removing contaminated soil. American will be collecting endpoint samples. Vought received call from Maurice and returned call and left message to return and stated requirement of disposal manifests. Vought received second message from Maurice and returned call.

6/8/05–Vought–Received third message from Maurice and returned call. Vought spoke to Maurice and stated requirement of disposal manifests and site visit. Maurice will collect two soil samples and submit to laboratory for analyses to see if further excavation is warranted. Vought advised use of field screening device however due to possibility of saving further cost of excavation Maurice decided to collect samples.

6/10/05–Vought–Received call from Maurice. Vought returned call and arranged site visit for Wed 6/15.

6/15/05–Vought–Site visit by Vought with Maurice, Dan Herschberger and Reza. Contaminated soil at former UST location and DEC required 1)additional excavation to groundwater 2)collection of four sidewalls and one bottom groundwater endpoint sample 3)installation of vapor barrier(agreed to by Maurice) 4)well installation downgradient from tankfield along Atlantic Ave. Vought also suggested groundwater treatment when excavation was open and boring by Amoco to see if they are contributing source. Vought will send above requirements upon receiving endpoint analyticals.

7/26/05–Vought–Called Maurice for status update of site. No work has been performed as of yet due to unable to find contractor.

7/29/05–Vought–Spoke to Gerard Rutigliano (Rutigliano Environmental 516–314–1553) and he may be performing soil removal and vapor barrier installation. Vought approved installation of a 6mil vapor barrier under building footprints. Four sidewall endpoint and one bottom groundwater sample will be collected.

8/8/05–Vought–Called El–Shami, Reza and Rutigliano and informed them of new project manager (DEC Zhitomirsky). Vought spoke to Maurice El–Shami and approved that he install vapor barrier provided that he sent letter in writing to DEC. Vought also stated that vapor mitigation system was not necessary as long as excavation was performed to groundwater (12' below grade).

8/8/2005 Zhitomirsky spoke with Maurice Shami and requested submittal of soil disposal manifest, drawings showing where the soil was excavated from, drawings and description of vapor barrier installation. Jeffrey Voight informed me that he requested from the site owner a description of the vapor barrier. In this case Vought would not require a vapor mitigation system and allow RP to

install the vapor barrier himself. AZ

8/10/2005 I discussed this site with K.Tang. I told him I am requiring environmental report describing soil excavation with pictures, drawings and disposal manifest. Also, RP should include specifications and drawings for vapor barrier. K.Tang concurred and stated that we can issue permission to start construction and install vapor barrier. K.Tang thinks that 6 mil thickness polyethylene sheeting may be not thick enough and RP consultant should suggest another one. I conveyed this information to Morris Yeroshalmi and provided him with K. Tang phone number upon his request. AZ

8/17/2004 KT visited the site on 8/12/2005. He noticed that the excavation could cave in because it is 11 feet deep. He said that there is not much to see in the excavation except gravels and dirt. No petroleum odor, no stained soil. They have put some soil back in the tank pit. He asked a soil sample at the center of the tank pit taken at the water table. He could smell a slight petro odor. Not bad though. Due to safety concern of the side walk on Atlantic Ave side of the excavation collapsing, he told Maurice to go ahead with his construction work and backfill the hole, with the condition that he put down the vapor barrier material (15 mil) below the foundation of the buildings he is putting up. He also told him to compile all the tank removal, soil excavation, wells installation, soil removal activities, soil samples, water samples and the soil disposal manifest in a report for you. He also told him to install 4 wells – 1 on Monaco Pl, 3 on Atlantic Ave. for GW monitor and/or remediation. AZ

11/22/2005 I received an e-mail from K Tang. He asked me to issue a letter to Moris Shami (Mfund Company 516-482-0276). I called him and conveyed that as per K.Tang 4 wells should be installed one on Monaco Place and three on Atlantic Avenue. His address is: 1 Linden Place Suite#302 Great Neck, New York 11021.AZ

11/29/2005 I called Moris and informed him that he should install 3 wells on Atlantic Ave. and one well between his place and BP station. I confirmed this request with K. Tang. I sent him a letter so he can obtain a permission from DOT to install sidewalk wells. AZ

1/18/2006 The owner (Moris) has contacted me. He needed some kind of a letter for the City. I replied that we do not issue such letters. He is going to proceed with the well installation. AZ

4/4/2006 I left a message for owner Moris (516-482-0276). He called me back. Hydro Tech installed wells and is working on the report for DEC. AZ

5-11-2006 Left a message for Rachel Ataman (Hydro Tech Environmental). AZ

5-16-2006 I contacted Sharissa Singh 718-636-0800(Hydro Tech Environmental). She informed me that Rachel Ataman is no longer handles this project. I conveyed to Ms. Singh that the plume should be delineated and once the delineation has been completed a remedial plan should be submitted. AZ

5-17-2006 Reviewed the Groundwater Investigation Report prepared by Hydro Tech Environmental Corp., dated April 4, 2006. The report states that VOCs were detected in the groundwater samples obtained from wells MW-1 through MW-4 at concentrations exceeding their respective TOGS standards. The total VOC concentrations at the site range from 1,111 ppb to 523 ppb in downgradient wells. Hydro Tech Environmental recommended groundwater monitoring. After consultation with Koon Tang, I requested delineation of the groundwater plume in the southern area of the site by installing two new wells. If contamination is encountered by these downgradient wells, additional wells should be installed to fully delineate the plume. Once the plume has

been delineated, a remedial plan to address the contamination should be submitted to DEC. A letter was sent to the RP and the consultant. AZ

5-25-2006 I reiterated my comments regarding the submitted report to the owner Maurice Shami over the phone. AZ

10-24-2006 Left a message for the owner Maurice @ 516-482-0276. AZ

10/25/2006 Contacted the owner Maurice @ 516-482-0276. He is hiring an environmental consultant American Environmental Co. He will get back to DEC when the consultants are hired. AZ

11-5-2007 Contacted the owner Maurice @ 516-482-0276 and requested about the site status. He stated that he thinks that no work should be done at this site. He will contact me with more information ASAP. AZ

11-7-2007 Spoke with Maurice Chami (M Fund 45 North Station Plaza Great Neck New York 11021). Mr. Shami is stating that he sold the property but he does not know whom he sold the property to, since the sale was handled by his broker. He will get back to me with this information ASAP. Mr. Shami contacted me later and informed that the buyer is Victor Inwang 31 Monaco Place, Brooklyn, New York 11221. He sold the property in May or June of 2006 (his guess). It is a private dwelling. AZ

11-14-2007 Case Initiation Form was signed by Vadim Brevdo and forwarded to John Urda. AZ

7-29-2008 J. Urda requested that CSL, STIP are send to RP. I sent drafts of CSL, STIP and CAP to John Urda and V. Brevdo for review. They approved the documents. CSL, STIP and CAP were sent to Maurice Chami- M Fund, 45 North Station Plaza, Great Neck, NY 11021 and Victor P. Inwang 1400 Bedford Avenue, Brooklyn, New York 11216. Copies were sent to V.B and John Urda. AZ

8-21-2011 The letter was returned to DEC stating: "Return to Sender unclaimed unable to forward" AZ

3-17-2011 As per J. Urda request, STIP, CSL and CAP were resent to Victor P. Inwang 1400 Bedford Avenue, Brooklyn, New York 11216 and send to Victor P. Inwang 583 Eastern Parkway, Brooklyn, NY 11216. AZ

4-11-2011 Two letters were returned to DEC stating "Return to sender unclaimed unable to forward." I informed J. Urda about the returned letters. AZ

DEC Investigator Remarks:

01/24/06: This spill transferred from J.Kolleeny to S.Kraszewski. – SK

03/14/06: This spill reassigned to K.Tang. – SK

01/15/08: spill reassigned to J.Kann. Consolidated with closed spill 0302414. J.Kann

4/10/13: J.Kann – IWP approved in an email (edoced).

4/26/13: J.Kann – revised IWP rcvd and edoced.

11/4/13: J.Kann – SAR is past due (due October 2013). stip sent to NYCHA today. Must be returned by December 4, 2013.

12/6/13: J.kann – signed stip rcvd from NYCHA on 12/4 and forwarded to legal for execution on 12/6/13

4/4/14: J.Kann – extention requests made by NYCHA's consultants due to poor weather and a damaged drill rig. Extension was approved on February 12 and then again on March 12. Report was submitted today, the approved extension date. Brief glance at the report shows some VOC and SVOC constituents in groundwater above CP-51 at one location. Closure request was made by NYCHA's consultant. Will need to further review the report before making a determination.



ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 7 **IN FRONT OF** **Spill Number: 1312167** **Close Date:**
 434 BAINE BRIDGE STREET BROOKLYN, NY TT-Id: 520A-0297-658

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1780 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: IFO 434 BAINBRIDGE ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: Con Ed Unassigned Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
03/28/2014		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	1.00	GALLONS	0.00	GALLONS	

Caller Remarks:
 in service box. clean up pending sample results

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



NO ACTIVE HAZARDOUS SPILLS – MISC. SPILL CAUSES – EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM AND STORMS – IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS. All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM, OR STORMS. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
1309904	APT BLD	74 ELDERT ST	BROOKLYN
1402681	SIDEWALK – DRUM RUN	22 PLEASANT PL	BROOKLYN
0907379	BP SERVICE STATION 10982	2111 ATLANTIC AVE	BROOKLYN



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 8 **ENGINE CO. 233/LADD. CO. 176 FDNY –DDC** **Spill Number: 9709795** **Close Date: 04/01/1999**
 25 ROCKAWAY AVENUE BROOKLYN, NY TT-Id: 520A-0042-052

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 227 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: TONY MARINO – NYC Spiller Phone: (718) 391-1062
 Notifier Type: Other Notifier Name: MIKE BYRNE Notifier Phone: (716) 856-5636
 Caller Name: MIKE BYRNE Caller Agency: URS GREINER Caller Phone: (716) 856-5636
 DEC Investigator: JMKRIMGO Contact for more spill info: TONY MARINO Contact Person Phone: (718) 391-1062

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/15/1997		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

CALLER JUST RECEIVED ANALYTICAL RESULTS FROM A SITE INDICATING CONTAMINATION POSSIBLY CAUSED FROM A UST. PROBABLE MATERIAL SPILLED IS DIESEL (NO GAS USTs ON THIS SITE).

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

See the ISRP.

Map Identification Number 9



SPILL NUMBER 9713231

1311-A BUSHWICK AVE

BROOKLYN, NY

Spill Number: 9713231

Close Date: 10/03/2003

TT-Id: 520A-0045-433

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 881 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Local Agency
 Caller Name: RICARDO FREYRE
 DEC Investigator: RWAUSTIN

Spiller: UNK
 Notifier Name: RICARDO FREYRE
 Caller Agency: NYS DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (718) 595-6777
 Caller Phone: (718) 595-6777
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/26/1998		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FUEL TANK IN BUILDING IS LEAKING UNSURE IF TANK IS STILL IN USE TANK IN BASEMENT OF BUILDING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 10/3/03 - AUSTIN - SPILL IN BASEMENT - NO OTHER INFO - CLOSED - ORIG. ASSIGNED TO HALE - END

Map Identification Number 10 **139 HULL ST/BKLYN**
 139 HULL STREET

NEW YORK CITY, NY

Spill Number: 9101342

Close Date: 05/25/1995
 TT-Id: 520A-0046-088

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1304 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Local Agency
 Caller Name: ENZO CATANZAKO
 DEC Investigator: WILSON

Spiller: NYCHPD
 Notifier Name:
 Caller Agency: NYCDEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 669-8930
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/01/1991	05/25/1995	TANK FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

MANIFOLD PIPE FAILED & LEAKED TO BASEMENT FLOOR,ALMAR MADE DELIVERY 5/1/91, SPEEDY DRY WAS APPLIED,PICKED UP & DISPOSED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 11 **615 DECATUR ST**
 615 DECATUR ST

BROOKLYN, NY

Spill Number: 0006043

Close Date: 11/22/2005
 TT-Id: 520A-0046-089

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1451 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Fire Department
 Caller Name: JOE IOVINO
 DEC Investigator: JRSTRANG

Spiller:
 Notifier Name: JOE IOVINO
 Caller Agency: NYC FD HAZ MAT
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (917) 769-0484
 Caller Phone: (917) 769-0484
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/21/2000		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

tank in basement failed spill confined in basement fd on scene
 leak in being stopped by fd the homeowner will make contact for a clean up crew

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
 11/22/05 – Close, less than 25 gallons. Spilled confined to basement. JS

Map Identification Number 12
 **GREENPOINT SAVINGS BANK**
 1225 BUSHWICK AVE

BROOKLYN, NY

Spill Number: 9711700

Close Date: 01/20/1998
 TT-Id: 520A-0042-076

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1484 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SM SOLA – PETRO Spiller Phone: (718) 545-4500
 Notifier Type: Responsible Party Notifier Name: GREG HANKINS Notifier Phone: (718) 545-4500
 Caller Name: SAM SOLA Caller Agency: PETRO ASTORIA Caller Phone: (718) 545-4500
 DEC Investigator: MCTIBBE Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/19/1998		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL

Caller Remarks:

customer called for serviceman because of oil smell. tank was filled by petro earlier in day and driver did not report spill to office. cleanup in progress.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" CLEANED BY OIL CO.

Map Identification Number 13 **APARTMENT BUILDING** **Spill Number: 0612788** **Close Date: 09/17/2007**
 211 HULL STREET BROOKLYN, NY TT-Id: 520A-0038-318

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1541 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: APARTMENT BUILDING Spiller Phone:
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Callers Phone:
 DEC Investigator: rvketani Contact for more spill info: MEADOWS, RICHARD Contact Person Phone: (347) 203-6886

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/26/2007		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNSURE IF SEWERS AND GROUNDWATERS EFFECTED; CLEAN UP IS IN PROCESS;

DEC Investigator Remarks:

02/26/07–Vought–DEC Patel performing site visit due to proximity to spill in field. DEC Ketani called FDNY and left message to return call to DEC.

02/27/06–Hiralkumar Patel. visited site on 02/26/07. met Ferdrnard Torres (917–568–3022), tenant at building. Mr. Torres lives on second floor. as per Mr. Torres, there was no heat yesterday (02/26/07) morning and he compalined to NYC HPD. oil delivered during day. lateron tenant found oil in basement and called FDNY. site has two 275 gal #2 oil ASTs on leg and FDNY found one of these tanks was leaking. they pumped out oil from leaking tank and put in drums and spread absorbent in basement. three 55 gal drums were out of building on sidewalk. second tank is still in use.

as per Mr. Torres there is no super in building but Mr. Torres has keys to basement. at time of visit, heavy odors inside basement, free product around tank and odors upstairs also. Mr. Torres's mother and brother living on first floor. suggest Mr. Torres to get these people on second floor as there was no odors. this building ownes by NY City. Mr. Torres gave contact info for person managing property for city.

Francis SynMoie
 7A Admin. Bld #042
 C/O NY Residential Works Inc.
 347 Lenox Avenue
 New York, NY 10027
 Ph. (212) 987–8088 Ext. 105

left message for emergency service at NY Residential Works at night. received call from Basil Marshall (646–294–0086). asked him to get cleanup crew to start cleanup for free product and odors in building. he spoke with Anthony Lara (646–772–7180). received call from Anthony. he was ready to send cleanup crew in night but he need approval from city and proposal signed by authorized person, which he hadn't got. tried to contact Mr. Marshall again regarding signing paperwork, but no contact was made. left

message for Mr. Marshall.

left message for Mr. SynMoie at NY Residential works last night.

spoke with Mr. SynMoie this morning. they are still working on getting authorization from city agency for cleanup. asked Mr. SynMoie to start cleanup by end of today.

2/27/07 – Raphael Ketani. I contacted Mr. Francis Synmoie (sin–moy) at NY Residential Works, Inc. (212) 987–8088, ext 101. He said that he is still waiting for authorization to hire a contractor to do the cleanup, but someone already put down absorbent. He said that he contacted Debra Thomas of Unit 7A at HPD (212) 863–7392. He said she has the authority to authorize someone to cleanup the spill. I asked him how the odors are. He said that you notice a moderate odor of oil as you walk into the building, but no one lives on the first floor. I asked him about the odors on the second floor. He said there were none. He said that this building was owned by a private party, but they didn't keep it up. So the city took it over and they will refurbish it.

I spoke to Ms. Thomas. She said the City doesn't own the building, but is managing it. I asked her what is happening now. She said that a call was made to the Emergency Repair Unit as there is no money in the budget to pay for the cleanup. She said she is waiting for a call back. I told her that this spill is now at least 24 hours old. She said she knows, but all she can do right now is to call the Emergency Repair people. I told her that certain things will have to be done to cleanup the spill. She asked me to e–mail her what these requirements are. The requirements are:

- (1) cleanup all of the free oil
- (2) pickup all of the spent absorbent
- (3) powerwash the affected areas and the concrete floor
- (4) take soil samples below the concrete floor and send them to a NYSDOH certified lab for 8260 and 8270 analysis
- (5) remove all contaminated soil
- (6) submit manifests for all soil and contaminated material that is removed and the soil analytical results
- (7) repair the tank system and send copies of the documentation verifying that the repairs were made
- (8) submit to DEC a short report with pictures (if possible) of the before and after conditions and all documentation

Ms. Thomas' e–mail address is thomasd@hpd.nyc.gov

3/12/07 – Raphael Ketani. Spill case #0613303 came in today regarding a new spill at the site. I spoke to Patrick Fahey of Pacific Energy (718) 647–1400 about the spill. He said that it was a loose flare nut that allowed oil to drip onto the floor. About 1 gal. leaked out. The flare nut was tightened, but the earlier large spill hasn't been cleaned up yet. This later spill case was closed.

I spoke to Ms. Thomas regarding the old big spill of 2 weeks ago. She said she just got back from vacation and had been told the old spill had been cleaned up. I told her that Pacific Energy had a mechanic on site about 1 hour ago and he said the old spill was not removed. She told me that she will look into the issue and call me back.

3/23/07 – Raphael Ketani. I tried to make a site visit. The front door was locked and there was no one around to let me in. I didn't see or smell any signs of an oil release.

3/27/07 – Raphael Ketani. I made a site visit at 9:45AM today and was shown the basement by a second floor resident of the

building who goes by the name of Rio and serves as a helper for Mr. Synmoie. The vapors were light but noticeable in the first floor hallway. The vapor readings were: basement 1334 ppb, first floor 903 ppb, second floor 782 ppb, third floor 751 ppb. Rio explained to me that the tanks are still not sitting solidly on the floor and that there were 2 big spills – both due to the tanks moving and a line below them getting loose. There was a 12" by 6" wet spot below the oil line that connects the two tanks at the bottom. Rio showed me that one spill flowed 30 feet down the basement hallway and into the adjacent room. The floor was in very bad shape and was in pieces, many of which could be moved by hand exposing the soil below. The floor had dark staining all over and so did the floor of the adjacent room. Lastly, Rio showed me the boiler room. The floor there also had staining.

3/28/07 – Raphael Ketani. I spoke to Mr. Synmoie and told him about the floor, the high vapor readings, the oily wet spot, the oil staining, and the probability that the soil under the basement floor is contaminated. I told him that he has to hire a company to stabilize the tanks, fix the line at the bottom if it is still dripping, do a soil investigation and ventilate the building. He said he will do this. He said there is one tenant on the first floor and she will be moved to the second floor. He said that the building is scheduled for rehabilitation in the very near future. I told him that the soil investigation has to get started as soon as possible. He said he will call Ms. Thomas. I sent Ms. Thomas an e-mail with my notes from 3/27 and 3/28.

3/29/07 – Raphael Ketani. Chacko Thomas (cell (646) 865-4564) [supervisor (718) 857-5444] of NYC HPD called to say that 6 soil samples were taken in the floor of the building after the last oil spill. He said samples were taken in the tank room, the hallway, and the storage rooms. The analytical results should be available soon. He asked what else needed to be done at the site. I told him that the vapors are high so ventilation needs to be provided, the tanks need to be fixed to the floor so they don't move, the line at the bottom of the tanks needs to be fixed so it doesn't drip, and a soil boring needs to be taken in the boiler room floor. Mr. Chafeko said he will have this done.

4/4/07 – Raphael Ketani. Mr. Thomas of NYC HPD sent me a FAX for SVOC analysis for 4 of the 5 samples that were taken in the basement. He said he was expecting the VOC analysis today and will FAX them as soon as he gets them. There were only 2 very low exceedences of the TAGM RSCO limits. I told him these results looked fine.

I received a FAX from Mr. Thomas with the VOC analyticals for soil samples 1,2,4,5. The samples were taken on 3/22/07. There were no RSCO exceedences, except 3200 ppb for total xylenes for soil sample #1. This is the tank room sample. Again, soil sample #3 was missing from the results.

4/5/07 – Raphael Ketani. I contacted Mr. Thomas and told him that the results seemed fine, except for total xylene in sample #1. I told him that soil will have to be removed in this area.

Afterwards, Mr. Thomas called me up regarding which sample came from what location in the basement. Sample #1 was the tank room. Sample #2 was the storage room next to the tank room. Samples #3 (which he will check on why the results weren't received) to sample #5 were from the hallway. He said that the drip from the pipe at the bottom of the tanks is something new and will be taken care of shortly and that the tank feet were covered in cement to stabilize the tanks. Mr. Thomas said that the stain in the boiler room is only from routine servicing of the boiler. I told him that it seemed like more than routine servicing. He said the service technician is sloppy and he will talk to him about being careful. However, he said, the building is privately owned and HPD is just overseeing the refurbishing of the building.

4/11/07 – Raphael Ketani. Mr. Thomas FAXed me the analytical results for samples 1,2,4,5. I spoke with him shortly after I received the FAX. He said that the contractor who did the sampling also took samples 3 and 6. However, the contractor threw out these samples as he felt he had enough samples for the site, according to Mr. Thomas. I told Mr. Thomas that either the soil has

to be dug out in the tank room or soil treatment needs to be used. He said that he has to make a work order, in either case. I asked him to try and push the process forward. He said he would try.

5/18/07 – Raphael Ketani. Mr. Thomas of HPD (718) 857-5444 sent me a FAX with analytical results for 3 soil samples that were taken in the tank room after the contaminated soil was removed. All 3 sets of results were non-detect. I called up Mr. Thomas and asked him to send the manifests for the removed soil. He said he will send them. Mr. Thomas added that the 2 tanks have been emptied and will be replaced with one tank. So that will take care of the leaking pipe.

7/13/07 – Raphael Ketani. I tried to contact Mr. Thomas regarding the documentation for the cleanup work and the tank replacement work, but could only leave a message. (Mr. Thomas is the person to contact regarding the project, NOT Mr. Synmoie or Ms. Thomas.)

7/16/07 – Raphael Ketani. I spoke to Mr. Thomas and he told me the two tanks were replaced with 2 new 275 gallon tanks. He added that the contaminated soil at boring location #1 was taken away and that I should be receiving the manifest soon.

9/17/07 – Raphael Ketani. I received the Oil Spill Site Assessment Report from Mr. Thomas. The report states that the floors of the basement, the tank room, and the boiler room were power washed and soil samples were taken. The report also states that the leaking tanks were emptied (a waste ticket is included), removed, and replaced with new tanks. On 5/11/07, soil from the tank room was excavated and removed.

Based upon the above mentioned Oil Spill Site Assessment Report and the analytical results for the tank room soil that were FAXed on 5/18/07, I am closing the spill case.

Map Identification Number 14



BACKYARD OF HOUSE
632 MACDONOUGH STREET

BROOKLYN, NY

Spill Number: 0604106

Close Date: 07/13/2006
TT-Id: 520A-0047-386

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2145 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 632 MAC DONOUGH STREET
Revised zip code: 11233

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name:
DEC Investigator: SMSANGES

Spiller: LORI JONES
Notifier Name:
Caller Agency:
Contact for more spill info: LORI JONES

Spiller Phone: (718) 569-2838
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 569-2838

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/13/2006		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

oil in the homeowners back yard

DEC Investigator Remarks:

Sangesland spoke to Mrs. Jones (homeowner) she said she had a 5 gal fuel can for an old boat standing in her back yard. She wanted it removed. Sangesland told her if the can was empty she could put it out with the trash. If the can had fuel in it, it would need to be disposed of properly. Sangesland gave Mrs. Jones the contact info for Radiac Research (718-963-2233)in Brooklyn. They will take this sort of material for a charge. Sangesland called Stanley Baldwin at City DEP Haz Waste. He said the city DOES NOT pick up this sort of material from homeowners.

Map Identification Number 15 **RESIDENCE** **Spill Number: 0511584** **Close Date: 02/08/2006**
 1097 PUTNAM AVE BROOKLYN, NY TT-Id: 520A-0046-095

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2168 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: RICK SCHERER – UNKNOWN	Spiller Phone: (718) 919-2963
Notifier Type: DEC	Notifier Name: RICK SCHERER	Notifier Phone: (718) 919-2963
Caller Name: DWAYNE HARRINGTON	Caller Agency: EPA HOTLINE	Caller Phone: (908) 420-4492
DEC Investigator: rmpiper	Contact for more spill info: RICK SCHERER (NEIGHBOR)	Contact Person Phone: (718) 919-2963

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/06/2006		TANK FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

HAS NOT BEEN CLEANED UP. UNKNOWN IF IT WENT INTO ANY WATERWAYS. PRODUCT IS IN NEIGHBORS YARD

DEC Investigator Remarks:

Jeff Vought visited the site (2 or 3 family house) and said there was a serious spill problem on the sidewalk & soil/lawn area. It looks like someone has been laying down speedie dry, but unknown who is doing this work.

Sangesland reviewed the tax records and Property Shark. Property was sold in 2005 and the two tenants moved out. The house is now vacant. Former tenant was traced and she said the building recently had an electrical fire and there was no working heat in the building.

Ownership records show:

Anne Marie Ward
1097 Putnam ave
Brooklyn, NY

no phone number is listed.

Various searches for Ms. Ward could not find any contact.

Former tenant of the house said that Ms. Ward has a partner named Javan Higgins. Sangesland traced a Javan Higgins in the phone directory (630 Hancock St 718-452-2756) but this is a phone number for his step-mother and they have not communicated for several years.

1/9/05-Vought-Site visit by Vought. Spill out of vent pipe affected yard in front of 3 story residential building. Approx size of affected soil is 25'x10'. Also present was three empty bags of speedy dry, five trash bags of oil soaked speedy dry, one box for an oil filter and an old rusted pipe. Vought spoke to neighbor at 1095 Putnam Ave and her son in law is caller. She did not see any oil company. Resident at 1099 Putnam also interviewed and she had seen no oil company. Possible causes of spill include tank removal and/or delivery event. Neither adjacent neighbor had any contact information for 1097 Putnam. No residents present at home and no contact information in building. DEC Vought to send out soil contamination letter requiring collection of endpoint samples.

1/11/06- DEC Piper spoke w/ caller notifier Rick Scherer. AS per conversation he was at the house and saw a tanker truck delivering oil. No more than 15 minutes later, another tanker truck pulled up. Within 5 minutes there was a heavy petroleum odor. He went outside to walk the dog and observed oil covering the lawn. Rick stated to the driver that there was a delivery 15 minutes ago and the EPA or someone should be notified. The driver stated that it is ok and that he has stuff to clean it up. Upon return from walk, ~5 min, the driver was gone. He did not record the name of the company(s). A FDNY HazMA rep later showed up and said since it looks like someone is taking care of it. As of today, the odors have subsided though the cleanup has not continued since 1/6/06. Certified return receipt CSL letter sent to listed owner.

2/8/06- DEC Piper received certified CSL letter. It was unclaimed. Piper performed site visit. There was evidence that someone was cleaning it up. In conversation w/ neighbor, she did not get the name of the company. There was slight odors on the lawn area though no fuel oil was observed. Due to lack of evidence and the fact that someone cleaned it up, the spill is closed.

Map Identification Number 16 **COMMERCIAL LOT**
 673 CENTRAL AVE

BROOKLYN, NY

Spill Number: 0402374

Close Date: 06/30/2005
 TT-Id: 520A-0040-522

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2176 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: MATT SCHIEFERSTEIN
 DEC Investigator: CBNG

Spiller: MATT - COMMERCIAL LOT
 Notifier Name: MATT SCHIEFERSTEIN
 Caller Agency: ANSON ENVIORMENTAL
 Contact for more spill info: MATT

Spiller Phone: (631) 351-3555
 Notifier Phone: (631) 351-3555
 Caller Phone: (631) 351-3555
 Contact Person Phone: (631) 351-3555

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/03/2004		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

FOUND CONTAMINTAED SOIL, HAD SMALL HOLES IN: PID SET OFF ALARMS ON UNIT:

DEC Investigator Remarks:

06/21/04
 Received call from Matt at Anson Enmtl 631-351-3597
 two 550's removed, contaminated soil encountered on top of tanks pinned PID. Tanks filled with water and gas. Tanks id'd on Sanborn Maps, location discovered with borings. Will submit map, endpoint sample (8260 and 8270), disposal analytical and boring info. Rommel

4/15/05 - Anson Environmental called and would like to get an NFA letter. She said additional work was performed and a two pages report will be fax to me for review. - KST

4/15/05 - Ruth of Anson Environmental called back. I provided a quick review of the 2 page report she faxed. I informed her that more analytical data and maybe GW data is needd for DEC to make a determination for NFA. The 2 page report has no soil or GW analytical, only field screening measurements with a PID. No idea where the soil samples were taken after they removed 41 tons of contaminated soil. - KST

6/20/05–Vought–Spoke to Josh Praver (Property owner 207–522–0330) who has soil and groundwater data who sent in analytical data to Koon Tang and requested review. Owner looking to sell property.

6/29/05 – received clousr request letter and reports. Sent to Valerie Moore of Bureau A. This case is being managed in Central Office. – KST

6/29/05 – Received call from property owner. Reviewed folder and discovered that only one soil sample was collected after the excavation and as such, did not meet the DER–10 spill closure protocol (4 side walls + 1 bottom soil sampling). Disposal manifest, sampling map is alright. Called Anson Environmental and spoke to Fritsey and she will check and call back. – CBN

6/30/05 – Fritsey from Anson Environmental left a message. Reason for only taking one samples at the base of the tank is because of the presence of a concrete vault around the tank. A No Further Action Letter is faxed to Anson Environmental and Josh Praver (owner), and a hard copy is also sent to Josh Praver. Photos of the excavation are included in the folder, showing presence of concrete vault around the tank. – CBN

Map Identification Number 17	2006 A FULTON STREET		Spill Number: 0600324	Close Date: 05/17/2006
	2006 A FULTON STREET	BROOKLYN, NY		TT–Id: 520A–0047–345
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (1)		Revised street: 2006 FULTON ST		
Approximate distance from property: 2358 feet to the SW		Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING		Spiller: MR RUDOLPHSKI	Spiller Phone: (718) 703–2700	
Notifier Type: Other		Notifier Name:	Notifier Phone:	
Caller Name:		Caller Agency:	Caller Phone:	
DEC Investigator: rvketani		Contact for more spill info: MR RUDOLPHSKI	Contact Person Phone: (718) 703–2700	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/10/2006		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE EXCAVATING FOUND OIL IN GROUND;

DEC Investigator Remarks:

Find owner & send CSL

4/18/06 – Raphael Ketani. I finally found the owner of the property. It is: LPL Properties, Inc., 249 Empire Blvd., Brklyn, NY, 11225 ((718) 703–2700; cell (718) 504–7124). I spoke to Jonas Rudofsky at this phone number, but he said this number is not LPL, just him. He said he is the prospective buyer of the property and owns the property next door. He said he will get me the address and phone number of the actual owner.

4/20/06 – Raphael Ketani. Ted Yen (cell 917–584–6299) of Ted Yen Associates called today. He said that his company is involved in the cleanup at the site and work is in progress. He said that Eastmond & Sons pumped out 1,000 gals. of mostly water with a little oil from the tank. Then they lifted the tank and the bottom didn't come with it. So they dug up 55 drums of oil soaked soil and debris. He said he represents the tank removal contractor. Mr. Yen added that they took clean end point samples and all of the information will be sent to me in a report. He said that Mr. Rudofsky is the owner of LPL Properties.

I will send Mr. Rudofsky a CSL today.

5/17/06 – Raphael Ketani. I reviewed the 5/10/06 Tank Closure and Remediation Report produced by Don Carlo Environmental Services, Inc. I found the analytical results and the report to be acceptable. I will send a letter to the owners of the property stating that the report is acceptable and that the case has been closed. Based upon this report, I am closing the case.

Map Identification Number 18	1016 PUTNAM AVENUE		Spill Number: 9412373	Close Date: 12/16/1994
	1016 PUTNAM AVENUE	BROOKLYN, NY		TT-Id: 520A–0044–910
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (3)		Revised street: NO CHANGE		
Approximate distance from property: 2497 feet to the WNW		Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING		Spiller: UNKNOWN	Spiller Phone:	
Notifier Type: Responsible Party		Notifier Name:	Notifier Phone:	
Caller Name: TASHA GRENA		Caller Agency: NYCDEP	Caller Phone: (718) 595–6777	
DEC Investigator: MMMULQUE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/15/1994	12/16/1994	TANK FAILURE	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TANK BURST IN BASEMENT- DESCRIBED AS MANY GALLONS SPILLED. DEP CALLED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"



CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 19 **ENGINE CO. 233/LADD. CO. 176 FDNY –DDC** **Spill Number: 0102559** **Close Date: 10/07/2009**
 25 ROCKAWAY AVENUE BROOKLYN, NY TT-Id: 520A-0040-034

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 227 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CITY OF NEW YORK Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: LERO Notifier Phone:
 Caller Name: MIKE COLLINS Caller Agency: FENLEY AND NICHOL Caller Phone: (631) 586-4900
 DEC Investigator: AXDORONO Contact for more spill info: TONY C Contact Person Phone: (516) 938-5476

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/07/2001		TANK TEST FAILURE	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	3500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

WILL EITHER DIG UP AND REPAIR OR REAPLACE TANK.

DEC Investigator Remarks:

6-24-2005 NFA for motor oil fuel spills was issued in April 1999. This spill occurred later and is handled by Imbdad Islam. AZ

05/30/2007: This spill case transferred to A. Doronova. – AD
No file for this case, just a spill report.

06/01/2007: Sent an email to A. Samani (cc: J. Kolleeny; A. Ledins; F. Ashkan; T. Ahmad; B. Morrissey; J. Staten and H. Roberts) asking for the site status update information. Received a response email from A. Samani on the same day. She promised to get back to us with updated data. AD

04/17/2008: Received an email from DDC saying:

"Dear Sir or Madam:

I am working on some spills for the NYCDDC. I was going through some spill numbers in the DEC database and saw that you were the lead DEC person for some of the ones on which I am currently working. Can you send to me the NYSDEC Spill Report Form for the following spills?

Spill # – Site
0109758 – 69th Precinct
0108983 – Brooklyn West 12
0012041 – 63rd Precinct
0102559 – EC 233 / Ladder 176

I would appreciate it if you can email to me pdf files (or some other format would be fine) of the forms. Please let me know if you have any questions.

Thanks again for your time and consideration.

Renee Wong

Renee L. Wong
Project Geologist
Certified Professional Geologist"

Sent the requested spill reports the same day. AD

06/12/2008: Send an email to Ms. Wong of DDC:

"Hi Renee,

Thank you for keeping me informed. I am now in a process of reviewing the spill closure reports Roux had submitted to us. I would like to ask you to submit also PDF version of Tank Closure Report for NYPD – 69th Precinct, spill No. 0109758 and a hard copy and PDF version of Tank Closure report for Engine Company 233, spill No. 0102559.

Regarding the 63rd Precinct site: I need Tank Closure Report for closed-in-place UST (hard copy and PDF). As for the workplan, I think the requirements will be standard. Borings at each side of the tank; PID screening; soil sampling (including sampling right above the water table, (if applicable); groundwater grab sampling (if applicable). If you would like me to take a look at the investigation work plan for this site, before you will submit it officially, you can send its finalized copy on my email.

Sincerely,

Ainura Doronova
Environmental Engineer
Division of Environmental Remediation
NYSDEC Region 2"

06/02/2009: Received an e-mail from Renee Wong:

"Hello Ainura,

How are things going? I was reviewing a couple of spill closure requests that I had sent to you sometime last year and was just following up on their status. Please let me know if these spills are ready for closure or, if not, what still needs to be done for the sites before the spills may be closed. The following are spills for which I still need status information:

- 0109758: 69th Precinct
- 0102559: Engine Company 233

Thanks,
Renee"

06/09/2009: Sent a reply:

"Hi Renee,

Here is the status information for the following spills:

- 0109758: 69th Precinct – NFA letter was issued for spill No. 0109758.
- 0102559: Engine Company 233 – On June 12, 2008 DEC requested submission of the additional documentation (PDF and hard copies of UST closure report) for spill No. 0102559. Approval of the Spill Closure Request has been postponed pending submission of the additional data.

Regards,

Ainura Doronova"

06/16/2009: Received an e-mail from R. Wong:

"Thanks, Ainura.

We will try to get the necessary data for the EC 233 spill and submit it to you for your review.

Regards,
Renee

Renee L. Wong
Project Geologist
Certified Professional Geologist
Email: rwong@rouxinc.com Mobile Phone: 631-774-7346"

AD

09/30/2009: Received an-email from R. Wong saying:

"Hi Ainura,

I got the additional documentation (UST Closure Report, see email below) needed to support the spill closure request for Spill 0102559. I have attached the PDFs here and am putting the hardcopy in the mail to you today. Please let me know if there is anything else that you need in order to close the spill, or if you have any questions.

Thanks!
Renee

Renee L. Wong
Project Geologist
Certified Professional Geologist
Email: rwong@rouxinc.com <<mailto:rwong@rouxinc.com>> Mobile Phone: 631-774-7346
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749
Tel: 631-232-2600 Fax: 631-232-9898"

DL to eDocs. Will review. AD

10/06/2009: Reviewed the report. It states that the spill was issued following a tank test failure of a 3,500-gallon #2 fuel oil

UST. This tank was closed-in-place in April 30, 2002 by Empire Environmental Services. Six soil samples were collected from around the tank area and analyzed for VOCs and SVOCs. Four samples were taken along the sides of the tank walls, and two samples were taken directly below the bottom of the tank. The concentrations of VOCs for all six samples were below RSCO levels. Side soil samples indicated some elevated levels of SVOCs, but no elevated levels of Naphtalene were detected in any of the six samples. Two bottom soil samples showed no exeedances in the SVOCs levels. Groundwater at this site is approximately 58 feet bgs. Roux concludes that there is little chance of the SVOC compounds migrating down to groundwater in sufficient concentrations to be a cause for concern and requests closure of this spill case. AD

10/07/2009: Discussed this site with J. Kolleeny of DEC. Based on the data provided, the decision was – to close the case. Issued and sent NFA letter. DL to eDocs. AD

Map Identification Number 20 **SARATOGA SQUARE APTS –NYCHA** **Spill Number: 9801627** **Close Date: 08/16/2002**
 930 HALSEY ST BROOKLYN, NY TT-Id: 520A-0046-096

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 941 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: FRANK OCELLO – NYC HOUSING AUTHORITY	Spiller Phone: (212) 306-3229
Notifier Type: Responsible Party	Notifier Name: SEBASTIAN LOREFICE	Notifier Phone: (212) 306-3229
Caller Name: SEBASTIAN LOREFICE	Caller Agency: NEW YORK CITY HOUSING AUT	Caller Phone: (212) 306-3229
DEC Investigator: SACCACIO	Contact for more spill info: FRANK OCELLO	Contact Person Phone: (212) 306-3229

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/08/1998		TANK TEST FAILURE	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	15000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

Tank test failure, will isolate and retest.

 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 21 **1209 BUSHWICK AVE** **Spill Number: 9913509** **Close Date: 08/03/2005**
 1209 BUSHWICK AVE BROOKLYN, NY TT-Id: 520A-0042-512

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1646 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SAME Spiller Phone:
 Notifier Type: Tank Tester Notifier Name: A LOPEZ Notifier Phone:
 Caller Name: JOHN LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (516) 321-4670
 DEC Investigator: kamalone Contact for more spill info: MR CLINKSCALE Contact Person Phone: (718) 574-1914

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/29/2000		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	3000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

TANK TEST FAILURE AT ABOVE LOCATION. LOCATION IS AN APARTMENT BUILDING. PROPERTY OWNER ADVISED OF TEST RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
6/12/02

Spoke to Michael Corman who plans to purchase this property.

He will fax over information regarding the passing retest of the failed tank.

01/26/04

Reassigned from Rommel to Austin
02/17/04: Reassigned from AUSTIN to KRIMGOLD.

7/05 – Assigned to Maloney as part of the Spill Initiative.

Spill closed – files indicate a passed tank test in 2002.

Map Identification Number 22 **WOLF PETROLEUM CORP**
 1532 BUSHWICK AVE

BROOKLYN, NY

Spill Number: 0212200

Close Date: 10/21/2004
TT-Id: 520A-0040-327

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1762 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Tank Tester
Caller Name: PAT MOZI
DEC Investigator: KMFOLEY

Spiller: ADAM WOLF – WOLF PETROLEUM
Notifier Name: PAT MOZI
Caller Agency: CROMPCO CORP
Contact for more spill info: ADAM WOLF

Spiller Phone: (516) 997-9300
Notifier Phone: (800) 646-3161
Caller Phone: (800) 646-3161
Contact Person Phone: (516) 997-9300

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
03/12/2003		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK FAILED TEST, NO CONTAMINATION FOUND

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"

1/8/04 Reassigned from Vought to K Foley.

9/29/04 Met with B. Cohen(Certilman Balin Attorneys), B. Beck(Consultant, National Env.) with J. Rommel and L. Oliva. B. Beck to provide a response by 10/29/04.

10/20/04 B. Beck provided repair record of vent line performed by Tyree and 3/14/03 passing tank test results from Crompco.

10/21/04 Mailed NFA letter.

Map Identification Number 23 **41 HOWARD AV / BKLN**
 41 HOWARD AVE

BROOKLYN, NY

Spill Number: 8909247

Close Date: 10/07/1992
 TT-Id: 520A-0044-909

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2279 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: DICK WILBER
 DEC Investigator: BATTISTA

Spiller: ELLA MCQUEEN CORRECTIONAL
 Notifier Name:
 Caller Agency: VALLEY EQUIPMENT
 Contact for more spill info:

Spiller Phone: (718) 574-2911
 Notifier Phone:
 Caller Phone: (518) 374-5571
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/21/1989	10/07/1992	TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

2K TK FAILS PETRO, L R ==-0.498 GPH. ISOLATED TANK. NO ACTION

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 24 **MANHOLE # 112** **Spill Number: 0004677** **Close Date: 10/22/2001**
 BROOKLYN, NY BROADWAY & COPPER AVE TT-Id: 520A-0042-583

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 55 feet to the ESE*

ADDRESS CHANGE INFORMATION

Revised street: BROADWAY / COOPER ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN – UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: MR PACE Notifier Phone: (212) 580-6763
 Caller Name: BILL MURPHY Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: BILL MURPHY Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/19/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 qts on 100 gals of water – sample taken – clean up pending lab results

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis Notes:

7/19/00 2qts unknown oil on 100gal water in manhole. Liquid sample returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 25 **561 CHAUNCEY STREET** **BROOKLYN, NY** **Spill Number: 9513028** **Close Date: 01/19/1996**
 561 CHAUNCEY STREET TT-Id: 520A-0041-746

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 237 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: MR PALMINTERI Notifier Phone: (718) 403-3100
 Caller Name: RICKY WATTS Caller Agency: NYC DEP Caller Phone: (718) 595-6777
 DEC Investigator: GUTIERREZ Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/18/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

BROOKLYN UNION GAS FOUND A PETROLEUM BASED PRODUCT IN SEWER LINES AT SITE. NO FURTHER INFORMATION. HAZ-MAT AND INDUSTRIAL WASTE ENROUTE TO SCENE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 26 **30 COOPER ST** **Spill Number: 0006985** **Close Date: 02/23/2006**
 **30 COOPER ST** **MANHATTAN, NY** **TT-Id: 520A-0039-875**

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 381 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: B&B MANGEMENT COMPANY Spiller Phone:
 Notifier Type: Other Spiller: EUGENE TAVARES – 1987-93 WASHINGTON REALTY Spiller Phone:
 Caller Name: BILL MURPHY Notifier Name: MR SEAGRIFF Notifier Phone:
 DEC Investigator: JCGRATHW Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 Contact for more spill info: EUGENE TAVARES Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/13/2000		UNKNOWN	2-457299	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

during some digging they cam across contaminated soil ref #133377

samples taken

DEC Investigator Remarks:

e2mis no. 133377:

CON ED GAS CONSTRUCTION MECHANIC T. JEROME DISCOVERED FUEL OIL ABSORBED INTO THE SOIL AT THIS LOCATION WHILE EXCAVATING A GAS LEAK. SUPER OF BUILDING NOTIFIED.

Lab Sequence Number 00-08906: THE SUBMITTED SAMPLE IS SIMILAR TO HEAVY FUEL OIL.

9/18/00 Jane O'Connell and Kerry Foley, NYSDEC met with Gary Windman (Con Ed Gas Ops) on location at 30 Cooper Street. ChemLab to run another PCB analysis on oil that was in excavation. Oil appears to be seeping from below the excavation, indicating prior leak.

On 9/27/00, Gas Construction crew completed service repair to 30 Cooper Street. Gas Construction crew excavated the service and generated 6 x 55 gallon drums of contaminated soil.

1/11/2006 – Haggerty – Wilfredo Martinez (718-583-4905), property manager remembers Con Edison digging up old phone lines in front of the property when the contaminated soil was found. Besides the excavation performed by Con Ed, the site was not remediated further. Keep open & site visit recommended.

2/15/2006 – site visit – 30 Cooper Street uses #6 Fuel oil – currently, no contamination observed. Spill described as #2 Fuel oil – 6 drums of oil-contaminated soil removed previously. Therefore, it not related to Cooper St. facility. Spill closed.

Map Identification Number 27 **SERVICE BOX 1673** **Spill Number: 0502165** **Close Date: 07/26/2005**
 498 CHAUNCEY ST BROOKLYN, NY TT-Id: 520A-0040-686

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 388 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Other	Notifier Name: MS. NEVILLE	Notifier Phone: (212) 580-6764
Caller Name: CHRIS SHIKARIVES	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: SKARAKHA	Contact for more spill info: ERT	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/23/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 PT OIL ON 3 GALLONS OF WATER. NO TO ALL 5 QUESTIONS. CLEAN UP PENDING ACCESS. CON ED REF # 158721.

DEC Investigator Remarks:

e2mis no 158721

M.LOVADA FOUND APPROX. 1PT OF UNKNOWN OIL ON APPROX. 3 GALS OF WATER. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. THE SPILL APPEARS TO BE CONTAINED. OWNER OF SUBSTANCES IS UNKNOWN.NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. ENIVIR. TAG# 44111 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL.

Lab Sequence Number: 05-04817-001 – Aroclor 1260 < 1.0 ppm.

UPDATE 6-3-05 09:30 P. ROSADO REPORTS, DOUBLE WASHED STRUCTURE USING BIO GEN 760, REMOVED ALL LIQUIDS WITH VACTOR AND NO SUMP FOUND. TAG WAS REMOVED AND JOB 100% COMPLETED. S. PACE 49874.

Closed. 7-26-05. George Breen

Map Identification Number 28 **RESIDENCE** **Spill Number: 0411465** **Close Date: 11/25/2005**
 702 DECATUR ST BROOKLYN, NY TT-Id: 520A-0046-080

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 445 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: DENNIS GOLDSTEIN – FERRANTINO FUEL	Spiller Phone: (347) 242-1077
Notifier Type: Responsible Party	Notifier Name: DENNIS GOLDSTEIN	Notifier Phone: (718) 832-6700
Caller Name: DENNIS GOLDSTEIN	Caller Agency: FERRANTINO FUEL	Caller Phone: (718) 832-6700
DEC Investigator: rmpiper	Contact for more spill info: DENNIS GOLDSTEIN	Contact Person Phone: (347) 242-1077

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/24/2005		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Material is approx. 5 gallons and clean up crews are in route. This was due to the fill box not being cemented.

DEC Investigator Remarks:

The homeowner is Miss Fishella Thomas (718-443-6774)
 Sangesland spoke with her, she says the basement is full of oil
 Dennis at Ferrantino fuel say it's a minor spill and his company will do the cleanup.
 Property owner had an open fill port, but switched to gas heat sometime in the past. Miss Thomas says she bought the house 3
 years ago and the change was made before that.

1/24/05 – Sawyer – Responded to the site and met with homeowner Miss Thomas. Less than 40 gallon were released to the basement
 floor. The basement floor is dirt on concrete and no drains were impacted. There were two men from Ferrantino Fuel onsite
 recovering fuel oil with speedi dry. All free porduct was recovered. Just some staining and a light odor remained after
 Ferrantino workers left.

2/1/05 – Sawyer – Received a call for Fishella Thomas the smell is still in the house and it is unbearable. Called Dennis at
 Ferrantino Fuel and he said he would get professionals to powerwash the basement floor. He will call Ms. Thomas to set up a time
 for service.

2/3/05 – Sawyer – Called Ms. Thomas back and the smell is still giving them problems. Instead of power waashing Ferrantino Fuel
 sent a man with a Shop-Vac. Visited site on way home. Fumes and volatiles still present. Gave homeowner NYCDOH numbers and
 contact names.

Called Ferrantino Fuel and talked to Roger Lockman and he said he is sending PTC. I will meet them there.

6/15/05 – Austin – Project reassigned from Sawyer to Rahman – end
 11/25/05– DEC Piper spoke w/ Ms. Thomas. As per her "the cleanup crew returned a number of times to powerwash the concrete floor.
 .. All is ok now." She is satified w/ cleanup. No complaints.

Map Identification Number 29**SB 41971**

35 SCHAFFER ST

BROOKLYN, NY

Spill Number: 0008616**Close Date: 12/17/2001**

TT-Id: 520A-0045-784

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 510 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 35 SCHAEFER ST

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: RICHARD ROACH
 DEC Investigator: OKWUOHA

Spiller: CALLER – CON ED
 Notifier Name: MR TOJEIRA
 Caller Agency: CON EDISON
 Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6763
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water
 contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/24/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 gal motor oil in service box – believed to be from con ed. clean up pending crew. con ed 134-069

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

Con Ed e2mis #134069 Notes:

10-24-00 1gal of what appears to be motor oil on 50gal water in service box 41971.

LSN 00-10208 <1ppm PCB

10-26-00 Structure was double washed with slix. Liquids removed by tanker, solids by vactor. No leaking company equipment.

Map Identification Number 30 	RESIDENTIAL BUILDING 555 BAINBRIDGE STREET	BROOKLYN, NY	Spill Number: 0411790	Close Date: 10/24/2006 TT-Id: 520A-0046-081
MAP LOCATION INFORMATION Site location mapped by: PARCEL MAPPING (1) Approximate distance from property: 514 feet to the WSW		ADDRESS CHANGE INFORMATION Revised street: NO CHANGE Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING	Notifier Type: Fire Department	Spiller: SCOTT ELIZIA – RESIDENTIAL BUILDING	Spiller Phone: (516) 903-3869	
Caller Name: KEVIN MCENTYRE	DEC Investigator: rmpiper	Notifier Name: KEVIN MCENTYRE	Notifier Phone: (718) 476-6288	
		Caller Agency: NYFD 1	Caller Phone: (718) 476-6288	
		Contact for more spill info: SCOTT ELIZIA	Contact Person Phone: (516) 903-3869	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
02/03/2005		OTHER	YES		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	190.00	GALLONS	190.00	GALLONS	SOIL

Caller Remarks:

Has been cleaned up. DUE to a broken pipe, contained in the basement.

DEC Investigator Remarks:

03/07/05 – Sawyer – Talked with Scott Eliza and told him to send documentation of the clean up to the Department.

03/16/05 – Sawyer – The environmental contractor RND Services called the Department and remarked that more work has to be done to remediate the spill. Nick from RND (845 348 6355) is going to forward a proposal for subsurface investigation to the insurance company for authorization to complete the work. Mr. Eliza was not happy with the original cleanup.

6/15/05 – Austin – Project reassigned from Sawyer to Rahman – end

11/25/05– DEC Piper left message for nick at RND to get info/ update.

12/5/05– DEC Piper contacted Sharima from RND after message was left on 12/2/05. As per Sharina, proposal was sent out to insurance co. on 3/17/5 though was not accepted. Piper then spoke w/ Scott Eliza, Owner. and he stated that there is still oil staining on floor. Piper spoke w/ insurance co. Lamarche Assoc. Inc. regarding proposal. He will look into it. Site visit tent. scheduled for Wed 12/7/5.

4/5/06– Left message for Eric Gagnon at Lamarche assoc. requesting callback.

5/9/06– DEC Piper met with Sharima of RND services and Scot Eliza at property. Spill was due to equipment failure during delivery. An overfill expanded the tanks and spread the manifolded tanks apart and broke the feed line on bottom of tank. RND to excavate sump area and collect endpoint samples for 8260 and 8270 analysis.

10/24/06– DEC Piper received closure request. Soil was excavated and endpoints are below TAGM. Closed.

Map Identification Number 31



MANHOLE 63289
ELDERT ST/BROADWAY

BROOKLYN, NY

Spill Number: 9909985

Close Date: 03/29/2002
TT-Id: 520A-0039-734

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 520 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: MR WAYNEWRIGHT Notifier Phone: (212) 580-6763
 Caller Name: MARK SCHLAGEL Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: COMENALE Contact for more spill info: MARK SCHLAGEL Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/17/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL ON DIRT ON BOTTOM OF MANHOLE. CLEAN UP PENDING. CON ED 129-025

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 32 **SERVICE BOX 41972 IFO** **Spill Number: 9810334** **Close Date: 10/31/2002**
 63 SCHAEFER ST BROOKLYN, NY TT-Id: 520A-0046-679

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 912 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL) Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MR CAPPADONA Notifier Phone: (718) 802-5196
 Caller Name: STEVE ROMERO Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: CAENGELH Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/16/1998		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

FOUND 1/2 GAL UNKNOWN PETRO MIXED W/3 GALS H2O – TEST BEING DONE AND CLEANUP WILL BEGIN WHEN RESULTS ARE IN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 33 **NYC HOUSING AUTHORITY – NYCHA** **Spill Number: 0004890** **Close Date: 12/02/2005**
 930 HALSEY ST BROOKLYN, NY TT-Id: 520A-0044-186

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 941 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: NYC HOUSING AUTH'	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: RAY KAHN	Notifier Phone: (212) 363-3775
Caller Name: RAY KAHN	Caller Agency: ESPL ENVIRONMENTAL	Caller Phone: (212) 363-3775
DEC Investigator: SWKRASZE	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards		Penalty Recommended
07/24/2000		UNKNOWN	2-474258	NO		NO
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller removed a tank at the above location soil samples were taken and lab results returned today above limits

DEC Investigator Remarks:

12/01/05: This spill transferred from J.Kolleeny to S.Kraszewski.

Reviewed ISRP prepared by Gannett Fleming in 2003 and submitted May 2005. GF performed 8 soil borings and converted 4 of them into MWs. 7 of the soil samples came from the UST area and the remaining sample from the fill port. Soil samples were taken from all 8 borings and GW samples were taken from the wells. All samples were analyzed for PAHs, SVOCS and VOCs. B-1 was the only soil sample with contamination, however, this sample site is located up-gradient and Easterly from the former UST site: unrelated occurrence. No GW contamination in any of the MWs.

GF also included the site assessment results from the tank pull performed by ESPL in 2000. Eight end point samples taken revealed only 5 with contamination above RSCOs. Reevaluation of the site by GF was due to construction of a facility within the vicinity of the UST.

Recommend closure.

Asked Jon for his input: he agrees with closure.

NFA letter written and sent to Brian Clarke at NYCHA. – SK

Map Identification Number 34**SPILL NUMBER 0030010**

1435 BUSHWICK AVE

BROOKLYN, NY

Spill Number: 0030010**Close Date: 06/28/2000**

TT-Id: 520A-0039-995

MAP LOCATION INFORMATION

Site location mapped by:

Approximate distance from property: 941 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: MS YOOLANDO
 DEC Investigator: MXTIPPLE

Spiller: MS. YOOLANDO – UNKNOWN
 Notifier Name: MS YOOLANDO
 Caller Agency: BKLYN BOROUGH PRES.OFFICE
 Contact for more spill info: MS.YOOLANDO

Spiller Phone: (718) 802-3777
 Notifier Phone: (718) 802-3777
 Caller Phone: (718) 802-3777
 Contact Person Phone: (718) 802-3777

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/28/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER STATED THAT THERE IS A POSSIBLE GAS LEAK AT THIS LOCATION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
 SITE INVESTIGATION REVEALED AN EMPTY STAINLESS STEEL FOOD HAULING TANK OF 6000 GAL CAPACITY

Map Identification Number 35 **SPILL NUMBER 0104561** **Spill Number: 0104561** **Close Date: 07/31/2001**
 63 ELDERT ST BROOKLYN, NY TT-Id: 520A-0046-680

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 999 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller:	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: LEWIS ANDERSON	Notifier Phone: (718) 453-2636
Caller Name: LEWIS ANDERSON	Caller Agency: TENANT	Caller Phone: (718) 453-2636
DEC Investigator: MXTIPPLE	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/28/2001		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

BLDG HAS 2 ADDRESS – 1287 BUSHWICK AV IS OTHER ADDRESS FOR THE BLDG – FIRE DEPT DID RESPOND TODAY – CALLER IS SAYING ITS DEISEL FUEL – SMELL IS TERRIBLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
 07/28/01 TENNANT STATED THAT THE LANDLORD WAS WORKING IN THE BASEMENT AND SPILLED A LITTLE OIL, LESS THAN A FEW GALLONS. WHEN ASKED FOR A DESCRIPTION OF THE SITE THE TENNANT SAID THAT HE REFUSED TO GO INTO THE BASEMENT. I CALLED THE LANDLORD TO FIND INFORMATION ON THE NATURE OF THE WORK I WAS TOLD THAT HE WOULDNT RETURN UNTIL SUNDAY.

FDNY COMPANY 252 AND LADDER COMPANY 176 WERE BOTH AT THE SCENE EARLIER THAT DAY. I SPOKE WITH AN OFFICER FROM EACH COMPANY AND WAS RELAYED THE SAME INFORMATION. THE CALLER AND THE TENNANT ON THE FIRST FLOOR HAVE HAD MOMENTS OF VIOLENCE, THE "SPILL" IS A STAIN ON THE BASEMENT FLOOR, THERE IS NO RECOVERABLE PRODUCT.

THE SPILL IS CLOSED.

Map Identification Number 36	DRUM RUN		Spill Number: 0713502	Close Date: 04/07/2008
	76 MOFFAT ST	BROOKLYN, NY		TT-Id: 520A-0215-882
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (1)		Revised street: NO CHANGE		
Approximate distance from property: 1030 feet to the ENE		Revised zip code: NO CHANGE		
Source of Spill: PASSENGER VEHICLE		Spiller: UNKNOWN		Spiller Phone:
Notifier Type: Police Department		Notifier Name:		Notifier Phone:
Caller Name:		Caller Agency:		Caller Phone:
DEC Investigator: HRAHMED		Contact for more spill info: OFFICER ZIEGLER		Contact Person Phone: (718) 574-1814

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/21/2008		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

found 6 50g drums in a stolen car; unsure where they came from; not leaking; drums are rusty; would like a call to tell him what to do with them;

DEC Investigator Remarks:

Tried to call PD few times, the officer in charge of the drums is not around. Need to find out the car owner's contact number.

04/07/08--Hasan Ahmed-- Six 55 gallon drum found and pumped out and notified Dept. of Sanitation to pickup the empty drums.

This case is closed.

Map Identification Number 37 **MANHOLE #4220** **Spill Number: 9900820** **Close Date: 05/05/1999**
 PILLING ST/BUSHWICK AVE BROOKLYN, NY TT-Id: 520A-0039-617

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1062 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: THORTON	Notifier Phone: (212) 580-6764
Caller Name: MIKE CESARE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: MIKE CESARE	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/21/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. SAMPLE TAKEN AND

CLEANUP PENDING RESULTS. CON EDISON #124370. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Aprx 1 qt oil mixed in mud while flushing MH 4220 S/E/C Bushwick Ave & pilling St. Mr.Gioia started to flush dirt on floor of mh when he noticed oil residue coming out of mud. He stopped flushing hole. About 25 gal of rinse water was sucked up into flush truck. Truck will be taken back to 3 ave yard and treated as if it was contaminated till oil sample comes back. Unable to tell if joint regulator was in mh. Does not look like there is a sump in mh. <1.00 ppm, reports <1.0 ppm cleanup complete.

Map Identification Number 38 **SARATOGA AVE & DECATUR ST** **Spill Number: 9309456** **Close Date: 11/04/1993**
 SARATOGA AVE & DECATUR ST BROOKLYN, NY TT-Id: 520A-0039-385

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1106 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: SARATOGA AVE / DECATUR ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: TRICARICO CO. Spiller Phone: (718) 493-4887
 Notifier Type: Fire Department Notifier Name:
 Caller Name: SHIRLEY SYMONDS Caller Agency: NYC DEP Notifier Phone:
 DEC Investigator: CAMMISA Contact for more spill info: Caller Phone: (718) 595-6777
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/04/1993	11/04/1993	UNKNOWN	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

F.D. IS THERE ARE CLEANING UP – SAND BAGS USED. TRAFFIC ACCIDENT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 39

RESIDENCE

333 MARION STREET

BROOKLYN, NY

Spill Number: 0008216

Close Date: 03/24/2003

TT-Id: 520A-0046-083

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1110 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Other

Caller Name: LAURIE GRAF

DEC Investigator: SACCACIO

Spiller: IRIS ROBB – RESIDENCE

Notifier Name: SERVICE TECH

Caller Agency: PETRO OIL

Contact for more spill info: IRIS ROBB

Spiller Phone: (718) 485-0855

Notifier Phone:

Caller Phone: (516) 686-2042

Contact Person Phone: (718) 485-0885

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/13/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING A SPILL OF MATERIAL OF UNK AMOUNT NO CLEAN UP HAS BEEN DONE. NO CALLBACK NECESSARY BELIEVED TO BE A PRE-EXISTING CONDITION.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 40 **OCEAN HILL HOUSES –NYCHA** **Spill Number: 0302414** **Close Date: 01/15/2008**
 24 STONE AVENUE BROOKLYN, NY TT-Id: 520A-0045-431

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1130 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: CALLER – OCEAN HILL HOUSES	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: NORMAN ZABUSKY	Caller Agency: NYC HOUSING AUTHORITY	Caller Phone: (718) 707-5719
DEC Investigator: jkkann	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/06/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

site work found contaminated soil.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
 NYCHA CONTRACTOR GANNETT FLEMING DOING FOLLOW-UP SITE INVESTIGATION SINCE TANK CLOSURE FOUND SVOCs IN SOIL ABOVE TAGM. PUTTING IN WELL, SOIL CONTAMINATION ENCOUNTERED FROM 25 FEET DOWN TO WATER TABLE AT 75 FT., WITH PID=220 PPM AT 50 FT., THEN FIRST SPLIT SPOON BELOW WATER TABLE, PID=230 PPM. SOIL SAMPLES WERE COLLECTED FOR LAB ANALYSIS, AND GROUNDWATER SAMPLE WILL BE TAKEN AFTER WELL IS DEVELOPED. 3 MORE WELLS AND 4 SOIL BORINGS WILL BE INSTALLED. – J.KOLLEENY 6/6/03

11/03/05: This spill transferred from J.Kolleeny to S.Kraszewski.

07/07/06: NYCHA summary report states that no recovery system and no MWs on-site. The site assessment is available and NYCHA recommends that the Department review it. – SK

02/06/07 – J.Kann – site reassigned from S. Kraszewski to J.Kann.

01/15/08 – J.kann – spill closed and consolidated with 9011619.

Map Identification Number 41 **CON ED MANHOLE #65849** **Spill Number: 0400614** **Close Date: 04/21/2004**
 SOUTH SIDE MACON/SARATOGA BROOKLYN, NY TT-Id: 520A-0042-701

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1181 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: MACON ST / SARATOGA AV
 Revised zip code: 11233

Source of Spill: UNKNOWN Spiller: ERT DESK – CON ED MANHOLE #65849 Spiller Phone: (212) 580-8383
 Notifier Type: Responsible Party Notifier Name: LARRY COSTA Notifier Phone: (212) 580-6763
 Caller Name: LARRY COSTA Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: SKARAKHA Contact for more spill info: ERT DESK Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

2PINTS ON 300 GALLONS OF WATER: IN PROCESS OF CLEANING UP WHEN FOUND, NO SMOKE OR FIRE,NO SEWERS OR WATERWAYS; IN REFERENCE 0400597 SPILL # :

DEC Investigator Remarks:

This is update for spill # 0400597. Close out. (JHO)

Map Identification Number 42 **MANHOLE 63913** **Spill Number: 9813679** **Close Date: 05/19/2000**
 **CHAUNCEY ST/SARATGOA AVE** **BROOKLYN, NY** **TT-Id: 520A-0043-003**

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1246 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: CHAUNCEY ST / SARATOGA AVE
 Revised zip code: 11233

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: TONY CONSTANTINE Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: CALLER Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/09/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reported sheen on water in manhole of unk origin. con ed #
 122924

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis 122-924 notes:

2/09/99 13:35 hrs

Ed Rasa #42951, O/S with Underground, reports at 13:20 hrs while doing scheduled work he found an undiaperable sheen of unknown oil on approx. 3 gal water in MH-63913. Location is S/S Chauncey St., 35' E/O S/E/C Saratoga Ave. Spill is contained. No sewers or waterways affected. Not able to tell if there is a sump due to mud underneath the water in hole.. No oil-filled equipment in manhole. Env. stop tag #03654 installed. One liquid sample oil & water taken on a 4-6 hour priority turnaround. Cleanup pending PCB test results from Chem Lab.

UPDATE 2/9/99 2031HRS – CHEM LAB RESULTS RECD <1PPM – LAB SEQ# 99–01378.

UPDATE: 2/10/99 – 1115 J. LIPORI – 11179 – ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH SLIX AND TAG #03654 REMOVED. INCIDENT IS CLOSED.

Map Identification Number 43 **WINQ RES** **Spill Number: 9812474** **Close Date: 04/17/2001**
 242 SUMPTER ST BROOKLYN, NY TT-Id: 520A–0046–102

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1286 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: BEVERLY REITH, ENV. REVIE – HPD DEMOLITION SITE Spiller Phone: (212) 863–7941
 Notifier Type: Affected Persons Notifier Name: DEVON WING Notifier Phone: (718) 363–1293
 Caller Name: DEVON WING Caller Agency: HOMEOWNER Caller Phone: (718) 363–1293
 DEC Investigator: SIGONA Contact for more spill info: MR WING Contact Person Phone: (718) 363–1293

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/08/1999		OTHER	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

with recent rains product coming from a tank in a vacant lot adjacent to comp property

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

1/11/1999 mmm: A. RUSSO WRECKING DEMOLISHED EXISTING STRUCTURES TO EAST OF HOUSE LOCATED AT 167 MACDOUGAL STREET, SOUTH OF SUMPTER AVENUE. WRECKING COMPANY LEFT 275 GAL UST IN GROUND ADJACENT TO 167 MACDOUGAL. RAIN WATER DISPLACED CONTENTS OF TANK

AND PETROLEUM CONTAMINATION THAT RAN NORTHWARD TOWARD THE REAR OF THE AFFECTED RESIDENTIAL BUILDING AT 272 SUMPTER AVE. RESIDENTS OF 167 A MACDOUGAL ALSO WERE COMPLAINING OF ODORS. CALLED HPD AND SPOKE TO THOMAS IN ASBESTOS UNIT (ROSS NOT AVAILABLE). THOMAS TO SPEAK TO ROSS.

4/15/199: PROPOSAL TO HPD FROM TYREE REVIEWED AND APPROVED. LETTER SENT.

On August 3, 1999, DEC Sigona received results of the endpoint soil sampling from Tyree Bros Environmental Services. On March 29, 2001, DEC Sigona sent letter to HPD – Tracey Washington to close the spill no further action required.

Map Identification Number 44 **SERVICE BOX** **Spill Number: 0001063** **Close Date: 12/28/2001**
 71 WIERFELD ST BROOKLYN, NY TT-Id: 520A-0043-252

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1479 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 71 WEIRFIELD ST
 Revised zip code: 11221

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MR DONATONE Notifier Phone: (212) 580-6763
 Caller Name: BILL MURPHY Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: BILL MURPHY Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/26/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

on 500gals of water – cleanup pending test results ref#131051

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131051 Notes:

4-26-00 1245hrs

1gal unknown oil on 5gal water in SB 47382. No oil filled equipment in hole. 1 sample taken.

4-29-00

LSN 00-04015 <1ppm PCB

5-15-00 1030hrs

Cleanup completed by double washing with slix. Liquid wate removed by tanker, solids by vactor. No sump.

Map Identification Number 45 **MANHOLE TM569** **Spill Number: 9901327** **Close Date: 05/18/1999**
 HANCOCK CTR/BUSHWOOD AVE BROOKLYN, NY TT-Id: 520A-0043-046

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1503 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: HANCOCK ST / BUSHWICK AV
 Revised zip code: 12221

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: STEPHEN CRIBBIN	Notifier Phone: (212) 580-6763
Caller Name: STEPHEN CRIBBIN	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: STEPHEN CRIBBIN	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/04/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS CONTAINED – SAMPLE TAKEN – 34 PPM DATED 1956 (HISTORICAL DATA) CON ED #124637

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
DEC inspector notes:

34 ppm dated 1956

Con ed e2mis notes:

3 gallons of oil on 200 gallons water. He has pressure tested unit – okay. Has stated the oil smells like motor oil. Historical records indicate transf as 34 ppm dated 1956. Cannot take sample from unit. No sewers or waterways affected.

I.D. Analysis: TM 569– Analysis indicates the sample is similar to lubricating fluid/oil. results < 1.00ppm

Cleanup completed as per C.Lugo, flush operator as of 2115 hrs 5/6/99.

Map Identification Number 46



MANHOLE 569

HANCOCK ST & BUSHWICK AV

BROOKLYN, NY

Spill Number: 9810073

Close Date: 11/07/2002

TT-Id: 520A-0039-550

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1503 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: HANCOCK ST / BUSHWICK AV
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: BILL MURPHY

DEC Investigator: CAENGELH

Spiller: UNKNOWN

Notifier Name: MR PACE

Caller Agency: CON EDISON

Contact for more spill info: BILL MURPHY

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/10/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

 Caller Remarks:

1 qt of product – sample taken for pcb content – clean up pending results – 300 gals of water in manhole – no con ed spill #

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 E2MIS 121179

11-10-98 09:45HRS C. LUGO REPORTS, FOUND 1 QT OF UNKNOWN OIL ON 300 GAL OF WATER IN TM 569. HOLE IS CONTAINED & NO SEWERS OR WATERWAYS WERE AFFECTED. THERE IS NO SUMP IN HOLE . SPILL WAS DISCOVERED WHEN FLUSH WAS CALLED TO DO FLUSH IN HOLE. 1 LIQUID SAMPLE WAS TAKEN ON A 4-6HR TURNAROUND. CLEANUP WILL COMMENCE WHEN SAMPLE COMES BACK FROM CHEM LAB. & ENV. STOP TAG # 07002 WAS PLACED. DOES NOT KNOW WHAT OLD PPM IN UNIT IS. AT THIS TIME WILL TRY TO REACH OUT TO NETWORK TO SEE IF THEY CAN GET CREW TO LOC TO PRESSURE TEST. ALSO WILL FIND OUT IF OVER 50 TANKER CAN PUMP HOLE FIRST. S.PACE 49874

UPDATE *** 11:15 C. FERNANDEZ CALLED NETWORK AND INFORMED THEM TO GO TO LOC & PRESSURE TEST, ALSO TANKER WILL BE HEADED TO LOC TO UP WITH NETWORK, . S.PACE 49874.

UPDATE**** 13:00 EPA # NYP004028338. S.PACE 49874. TREATED AS 50-499.

UPDATE: 11/10/98 – 1330

D. LEE – EQUIP. GP., REPORTS TRANSFORMER HOLDS PRESSURE. RECORDS SHOW TRANSFORMER OIL TO BE 34 PPM. TJ – 50495

===== update 11/11/98 0520hrs. =====

sam rosenking reports could not complete cleanup with slix due to oil still on walls.removed all debris & left tag in place.
 d.herbst 27461

UPDATE: LAB RESULTS <1.0PPM. 11/10/98 – 2345. LAB SEQ# 98-12392. J.A.P-56037**

12/11/98 18:00 -- RCVD CALL FROM LISA LUKSHIDES OF E.R.T. REGARDING STATUS OF THIS CLEANUP. AS PER TINO FERNANDEZ OF BROOKLYN

ENV. OPS., JOB WAS SCHEDULED FOR TODAY BUT CLEANUP NOT COMPLETED DUE TO A CONTAMINATED FLUSH TRUCK. JOB RESCHEDULED FOR TUE. 12/15 (CAN ONLY BE DONE ON TUE. OR FRI. DUE TO PARKING RESTRICTIONS). *** W.W. #17344 ***

UPDATE:

12/15/98-17:30HRS-W. TUDY-EMP#74933-FLUSH OPS. REPORTS SITE CLEANED-UP AND COMPLETED. ENV TAG#07002 REMOVED

Map Identification Number 47 **MANHOLE #2340** **Spill Number: 0005303** **Close Date: 11/13/2001**
 BUSHWICK AVE & HANCOCK ST BROOKLYN, NY TT-Id: 520A-0037-224

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1503 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: BUSHWICK AVE / HANCOCK ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN - UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: MR DELLACROSSE Notifier Phone: (212) 580-6763
 Caller Name: JIMMIE FOX Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: JIMMIE FOX Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/03/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 pt unk oil in manhole - sample taken clean up pending lab results

con ed #132682

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 48 **TM 569** **Spill Number: 0005298** **Close Date: 11/05/2001**
 HANCOCK ST/BUSHWICK AV BROOKLYN, NY TT-Id: 520A-0038-721

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1503 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: DELLACROSSE	Notifier Phone:
Caller Name: JIMMY FOX	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: JIMMY FOX	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/03/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SAMPLE TAKEN, CLEAN UP PENDING. CON ED 132681

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 E2MIS NOTES:

8/3/2000: SPLICER NETWORK ON LOCATION TO REPAIR AN OPEN SWITCH REPORTS FINDING APPROXIMATELY 1/2 PINT OF AN UNKNOWN OIL ON 1150 GALLONS OF WATER. APPEARS CONTAINED TO STRUCTURE. NO SEWERS OR WATERWAYS APPEAR AFFECTED. TRANSFORMER PRESSURE TESTED OK. RECORDS INDICATE 34 PPM PCB'S, CLEANUP PENDING TEST RESULTS.

21:05 HRS. CHEM. LAB. RESULTS RECEIVED PCB <1.00 PPM.

CLEANUP COMPLETED ON 9/8/2001 1910 HRS. NO SUMP IN STRUCTURE. CLEANUP COMPLETED BY DOUBLE WASHING THE STRUCTURE WITH SLIX. LIQUID WASTE REMOVED BY VACTOR. NO LEAKING COMPANY EQUIPMENT. INCIDENT IS CLOSED.

ARS

Map Identification Number 49 **TM569** **Spill Number: 0003751** **Close Date: 09/27/2001**
 HANCOCK STREET/BUSHWORK BROOKLYN, NY TT-Id: 520A-0042-574

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1503 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: HANCOCK ST / BUSHWICK AVE
 Revised zip code: 11221

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: MISS NEVILLE	Notifier Phone: (212) 580-6763
Caller Name: MARK SCHLEGEL	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: MARK SCHLEGEL	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/27/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SCHEEN ON THE WATER – 5 GALLONS WATER ----CASE 132061

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis Notes:

6/27/00 Undiaperable sheen of unknown oil on 5gal water in TM569. May be motor oil. Pressure tested unit and found OK. Oil level is also normal. Sample taken and returned <1ppm PCB.

6/30/00 Cleanup completed by double washing with slix. Liquid wastes removed by tanker. Solids removed by vactor. No leaking equipment. No sump. (KMF 10/9/01)

Map Identification Number 50 **CITYGAS GAS STATION** **Spill Number: 9712426** **Close Date: 10/10/2006**
 1508 BUSHWICK AVE BROOKLYN, NY TT-Id: 520A-0042-081

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1508 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: MR. CONNER – CITYGAS Spiller Phone: (718) 349-0555
 Notifier Type: Responsible Party Notifier Name: Notifier Phone: (718) 525-8750
 Caller Name: BENJAMIN (BUTCH) KANN Caller Agency: CROWN LEAK DETECTION Caller Phone:
 DEC Investigator: KMFOLEY Contact for more spill info: Contact Person Phone: (718) 443-6802

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
02/06/1998		UNKNOWN	2-600324	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

found contaminated soil on top of tanks – will excavate and stockpile soil –

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"
 2 98-DIGGING UP TANKS TO UPGRADE. FOUND CONTAMINATED SOIL. CONSULTANT ENROUTE TO TAKE POST-EX SAMPLES. REPORT TO BE SENT.

PBS # 2-600324.

11/06/98 Received preliminary site investigation report(ASTEM, 10/98).

Transferred from tibbe to rommel on 9/8/03.

11/21/03 Transferred from Rommel to Foley.

7/9/04 Additional investigation is needed. Site investigation report shows total BTEX ranging from ND (BH-2, BH-4) to 18,815ppb(BH-3) in soil samples taken from around tank field. MTBE ranged from ND(BH-2, BH-4) to 3670ppb(BH-1). No groundwater samples collected.

9/14/06 On-site for installation of 3 geoprobe wells to water table surrounding former tank pit. Minor contamination near pit decreased to ND by PID (and nose) at 18-20 ft bg. Three water samples taken from 33-35 feet. No detectable petroleum odor. Consider closing based upon lab data.

Map Identification Number 51 **IN ROADWAY** **Spill Number: 0801368** **Close Date: 06/02/2008**
 1508 BUSHWICK AVE BROOKLYN, NY TT-Id: 520A-0215-913

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1508 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Citizen	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: hrpatel	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/04/2008		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller reports oil in the roadway. No cleanup in progress.

DEC Investigator Remarks:

05/05/08–Hiralkumar Patel. spoke with Kimberly. she mentioned that oil/water was coming out from pipe located at gas station at 1508 Bushwick Ave. after complaining to gas station manager, they capped it and now oil/water bubbling from ground near intersection.

PBS #: 2–600324.

owner of gas station at 1508 Bushwick Ave:

Henry Grunbaum
Delek Bh. Inc.
168 Walworth Street
Brooklyn, NY 11205
PH. (718) 907–2999
email: delek@grunbaum.us

site has three 4000 gal gasoline USTs and two 4000 gal diesel USTs.

alternate addresses: 46–54 Furman Ave, 1508–1518 Bushwick Ave

from building dept. permit record : "Upgrade existing gasoline storage tanks with new automatic leak detectio system, direct fills, corrosion protection system and new double–walled apt non corrosive piping system. recast pump islands and reset with three bsa approved dispensers. no change in use or egress."

permit issued on 11/3/1997 to:

Suman Khanna
Controller
276 North Henry Street
Brooklyn, NY 11211

Gurmeet singh
President
276 North Henry Street
Brooklyn, NY 11211
Ph. (718) 349–0555

old spill report found at site. spill #: 9712426. spill was reported on 02/06/1998 as found contaminated soil on top of tank during tank upgrade in 1997. as per spill database, site investigation report submitted to the department in Oct. 1998 (not found on e–docs) and further investigation done in 2005–2006 and based on result of groundwater samples in 2006, case closed. (no reports found on e–docs).

05/06/08–Hiralkumar Patel. visited site. met Joseph Grunbaum, site owner. he showed abandoned and capped pipe located on floor in

west corner of the site, along property at 44 Furman Ave. saw stain on concrete near pipe and stain running on concrete towards Furman street. found drain on property along Furman ave and drain was clogged with mud. saw some sheen on mud. found PVC pipes extended along foundation wall of 44 Furman ave (looks like old vent pipes). these pipes are located in area of abandoned pipe in ground where stain found. found one square door under parked car, near abandoned pipe, that looks like some kind of vault.

asked Joseph to investigate abandoned pipe in ground, extended pipes along foundation wall of 44 Furman ave and vault in floor (that could be electrical vault). also asked Joseph to clean drain along Furman ave and suggest to close the drain as it is not in use. Joseph mentioned that there are no waste oil tanks at the site. and they bought property about a year ago.

05/27/08–Hiralkumar Patel. visited site. found oil/water coming out from drain located along sidewalk along Furman st. spoke with Joseph to cleanup drain and oil from sidewalk, by end of 05/28/08.

received call from Dan from CDSP. he is doing tank work at this gas station. he will be on–site tomorrow for cleanup. asked Dan to call for inspection once drain cleaned up.

Dan Yarom
CDSP
Ph. (914) 224–3300
Fax (914) 470–5030
email: cdsp4u@aol.com

05/28/08–Hiralkumar Patel. spoke with Dan. they are doing cleanup in drain.

05/29/08–Hiralkumar Patel. visited site. found drain along Furman ave is cleaned up. found some water in drain and some sheen on water. found fill port and vent pipe on foundation wall of building at 44 Furman ave, in area close to the drain where sheen found. spoke with Kimberly. she mentioned that they have one aboveground tank and was inspected by oil company, prior to reporting oil spill. Kimberly mentioned that originally, oil was coming out from square vault which is located near abandoned pipe. found car parked on vault gate. station operator tried to contact car owner (who lives in neighbourhood), but no success. asked him to remove this car for vault inspection. owner will call back once car removed.

06/02/08–Hiralkumar Patel. visited site. met Dan. inspected under square gate in parking lot nearby drain along Furman ave. found mud inside vault and no oil. drain along Furman ave is again packed with mud and its looks like pipe to main sewer system is clogged. no petroleum product noticed.

based on observations during site visits and as non–petroleum product observed in any drain or vault during last visit, case closed.

Map Identification Number 52 **JEFFERSON AVE. & BROADWAY**
 JEFFERSON AVE / BROADWAY

NEW YORK CITY, NY

Spill Number: 8702940

Close Date: 07/13/1987
 TT-Id: 520A-0050-112

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1547 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Police Department
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/13/1987	07/13/1987	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL
LACQUER THINNER	OTHER	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

55 GALLON DRUM LEAKING; COX FROM NYCDEP IS RESPONDING. NYCFD IS ON THE SCENE. CLEANED UP BY NYCFD

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 53 **MANHOLE 70405**
 HULL STREET NEAR STONE STREET

BROOKLYN, NY

Spill Number: 0602830

Close Date: 10/05/2006
 TT-Id: 520A-0047-407

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1580 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: HULL ST / STONE AVE
 Revised zip code: 11233

Source of Spill: UNKNOWN	Spiller: CON EDISON	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: GDBREEN	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/14/2006		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 pint of unknown oil on 20 gallons water
 ref # 200552
 cleanup in progress

DEC Investigator Remarks:

10/05/06 – See e-docs for Con Ed report detailing cleanup and closure.
 200552. see eDocs.

Map Identification Number 54 **SERVICE BOX # 21235**
 174 HULL ST

BROOKLYN, NY

Spill Number: 0405087

Close Date: 10/27/2004
 TT-Id: 520A-0044-132

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1593 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: ERT DESK – CON EDISON	Spiller Phone: (212) 580–8383
Notifier Type: Responsible Party	Notifier Name: KEVIN MCRADLE	Notifier Phone: (212) 580–6763
Caller Name: KEVIN MCRADLE	Caller Agency: CON ED	Caller Phone: (212) 580–6763
DEC Investigator: JHOCONNE	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580–8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/27/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 25 GALLONS OF WATER: CON ED #154540.

DEC Investigator Remarks:

e2mis no. 154540:

27–JUL–2004 APPROX 1–GALLON OF UNKNOWN OIL ON 5 GALLONS OF WATER IN SB–215. IT APPEARS TO BE CONTAINED. CLEANUP PENDING TEST RESULT.

Lab Sequence Number: 04–05884–001 PCB <1 ppm.

FLUSH MECHANIC K. HUFFORD REPORTS NO ACCESS, CAR OVER THE STUCTURE. TO BE REMOVED FROM HR DEMINIMIS CLOCK AS PER SUPV. B. BROWN.

8/14/2004 09:25 HRS. -- J. MIDDLETON OF BROOKLYN ENV OPS REPORTS THAT HE AND A.GLODOWSKI DOUBLE WASHED STRUCTURE WITH BULLDOG & SLIX. NO SUMP. REMOVED ENV. STOP TAG (DOES NOT HAVE TAG NUMBER). CLEANUP COMPLETE.

Map Identification Number 55 **STREET SIDE** **Spill Number: 1005940** **Close Date: 09/22/2010**
 318 MCDOUGALL ST BROOKLYN, NY TT-Id: 520A-0255-740

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1597 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 318 MAC DOUGAL ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/30/2010		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	UNKNOWN	0.00	UNKNOWN	

Caller Remarks:

UNKN OIL IN MANHOLE 64630. INVESTIGATING AT THIS TIME

DEC Investigator Remarks:

223093

9/22/10 - Austin - 8 gals. of "light fuel oil" found in vault - Spill contained and cleaned up by Con Ed - see EDocs for more detailed information - spill closed - end

Map Identification Number 56



SPILL NUMBER 9802684

1509 BUSHWICK AVE

BROOKLYN, NY

Spill Number: 9802684

Close Date: 10/21/1998

TT-Id: 520A-0042-143

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1601 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Fire Department
 Caller Name: FF HAACK
 DEC Investigator: MCTIBBE

Spiller:
 Notifier Name: QUEENS DISPATCH
 Caller Agency: FDNY - HAZMAT 1
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (917) 769-0483
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/01/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

200 GAL OF DIESEL & WATER PROBABLY PUSHED OUT OF A BURIED TANK DUE TO THE RAIN LAST NIGHT - PRODUCT IS IN THE STREET - REQ A DEC REP FOR POSS SUMMONS - RESIDENT AT BLDG STATING IT IS NOT HIS PROBLEM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 FIREFIGHTER HACK CALLED - WANTS ETA

FAX TO DEP - IWCS

oCCUPANT OF BLDG SAID THE OWNER WAS M&M AUTO PARTS ON EVERGREEN AVENUE. REALTY CO IS DIANE & YURAS 718-729-7474. ARNOLD IS BROKER. M&M CLEANED.

Map Identification Number 57 **APARTMENT BLDG**
 839 HALSEY STREET

BROOKLYN, NY

Spill Number: 9514531

Close Date: 02/13/1996
 TT-Id: 520A-0046-117

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1660 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: LABIN HAVERSTOCK
 DEC Investigator: LUCE

Spiller: MR LOEE - APARTMENT BLDG
 Notifier Name: DRIVER
 Caller Agency: JAMES RIVER CORPORATION
 Contact for more spill info: MR LOEE

Spiller Phone: (516) 351-5401
 Notifier Phone: (0) -
 Caller Phone: (315) 493-5178
 Contact Person Phone: (516) 351-5401

Category: Investigation indicates there was no spill.
 Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/13/1996		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

unk qty and unk how it got there in basement of apt bldg

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 58 **839 HALSEY STREET**
 839 HALSEY STREET

BROOKLYN, NY

Spill Number: 9514530

Close Date: 02/15/1996
 TT-Id: 520A-0046-116

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1660 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN – UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: TONY RICARDI Notifier Phone:
 Caller Name: VINCE CAPUTO Caller Agency: ECONOMY FUEL Caller Phone: (719) 599-5100
 DEC Investigator: LUCE Contact for more spill info: MR LOWEE Contact Person Phone: (516) 351-5400

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/13/1996		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNKNOWN HOW THE SPILL OCCURRED THE CALLER WAS VERY VAGUE ON HOW THE SPILL OCCURRED.CREW IS ON THE WAY TO CLEAN UP THE SPILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 59 PRIVATE RESIDENCE Spill Number: 0409230 Close Date: 11/16/2005
 11 SOMERS ST BROOKLYN, NY TT-Id: 520A-0045-432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1660 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: ANTHONY LOSQUADRO Spiller Phone: (718) 497-4491
 Notifier Type: Responsible Party Notifier Name: ARCHER, IVA Notifier Phone: () -
 Caller Name: ANTHONY LOSQUADRO Caller Agency: VIJAX FUEL CORP Caller Phone: (718) 497-4491
 DEC Investigator: rmpiper Contact for more spill info: ANTHONY LOSQUADRO Contact Person Phone: (718) 497-4491

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/17/2004		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	8.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

POSSIBLE TANK OVERFLOW ONTO BASEMENT FLOOR. TO BE INVESTIGATED. NO CALLBACK NECESSARY.

DEC Investigator Remarks:

11/15/05- DEC Piper contacted Vijax and Iva Archer. A. Losquadro of Vijax stated spill was cleaned up. Waiting for confirmation from Iva

11/16/05- DEC Piper received call from homeowner Norma (718-293-4300 x 4241) Iva deceased. According to Norma, spill all cleaned up, no complaints/worries.

Map Identification Number 60



SIDEWALK

IFO 56 SOMERS STREET

BROOKLYN, NY

Spill Number: 1309450

Close Date: 01/10/2014

TT-Id: 520A-0293-294

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1687 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: HRPATEL

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: SHERIEN HAMPI

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (646) 863-6161

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/26/2013		OTHER	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL		OTHER	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Possibly was an abandoned tank at one time. Sheen from borings.

DEC Investigator Remarks:

12/26/2013 – Feng – Called Distinct Engineering Solution (646–863–6161, left a message to Sherien Thampi (x603) to call back.

1/2/2014 – Feng – Mr. Thampi returned the call. It is an abandoned apartment building and a future EDC/DEP development project. They were doing permeability test. Nothing was picked up in the GPR survey on 12/16/2013. They checked the Sanbon maps from 1888 to present, no tank record. They installed one soil boring to 7 feet and identified sheen in the cutting. The PID read 3 ppm. The soil boring was installed down to 10 feet and stop the work due to the mud rotary rig was losing water. Mr. Thampi mentioed that he talked to the owner of the next door property at 58 Somers Street, and the owner said a tank in 58 Somers Street has been removed some years ago due to leaking problem and found contamination. Mr. Thampi suspected the contamination in the 56 Somers Street was originated from other source.

Contact information for Mr. Thampi's client:

Ms. Jinine Beni Witko
Arupu
77 Water Street
New York, NY
(212)897–1535

Sent Contaminated Soil Letter to Ms. Witko and cc Sherien Thampi of Distinct Engineering.

Assigned to the Runner of the day K. Patel.

01/03/14–Hiralkumar Patel.
alternate address for 56 Somers St: none

no PBS or other spills found.

56 Somer St. LLC. **property owner**
600 Lexington Ave
New York, NY 10022

or

228 East 45th Street, Suite 1801
New York, NY 10017

11:15 AM:– left message for Ms. Witko.

Janine Beni Witko
Arup
77 Water Street
New York, NY 10005
PH. (212) 896-3000
(212) 897-1535
(646) 385-2155 (C)
email: Janine.witko@arup.com

11:23 AM:- left message for Mr. Thampi.

Sherien (Jerry) Thampi
Distinct Engineering Solutions, Inc. P.C.
PH. (646) 863-6161 Ext. 603
(201) 284-0784 (C)
email: sthampi@distinct-esi.com

11:55 AM:- received call from Ms. Witko. her company is working for NYC EDC for green infrastructure project called Right of Way Bioswales. this project is part of NYCDEP's efforts to reduce the amount of stormwater entering the combined sewer system. project includes excavation of about 3 ft wide and 10 ft long area along the sidewalk, down to about 10-15 ft bg and then backfill it with porous material and soil which would allow absorption of rain water in subsurface.

primo to installation of Bioswales, contractor was doing preliminary testing including soil permeability test. a boring was installed on sidewalk, in front of 56 Somers St. Ms. Witko mentioned that drilling company noted sheen on water and stopped further drilling. there is no sample collected for analysis. Ms. Witko will talk to EDC who may choose not to install Bioswale in this area. she will call back after discussing with EDC. asked Ms. Witko to disregard letter sent yesterday.

12:27 PM:- spoke with Mr. Thampi. he mentioned that a 4 inch diameter casing was pushed in to 10 ft depth and was filled with water for permeability test. after filling hole with water, crew noted sheen on water. they measured 3 ppm on PID at surface. Mr. Thampi mentioned that no signs of current/former fill port were noted in area. also there was no petroleum odors noted during field work.

discussed with DEC Vought. based on available information, further investigation/remediation will be required only if EDC choose to install Bioswale in the area, otherwise case will be closed.

01/06/14-Hiralkumar Patel.

10:58 AM:- received email from Ms. Witko including letter from Distinct Engineering Solutions.

Mr. Thampi mentioned that while advancing boring to 10 ft bg, drilling inspector noticed the presence of oil sheen and traces of sludge in the drill cutting at approx. 8 ft with slight petroleum odor. boring was terminated at 10 ft to avoid further migration of contamination. no presence of fill port or vent pipes were noticed on the sidewalk or near the building. boring was backfilled with sand and patched with cement.

01/08/14-Hiralkumar Patel.

3:42 PM:- left message for Ms. Witko.

4:53 PM:- received message from Ms. Witko. she discussed with NYC DEP and NYC EDC and they decided not to install Bioswale in area in front of 56 Somers St.

01/10/14-Hiralkumar Patel. as discussed previously with DEC Vought, case closed as Bioswale will not be install in the area, no record available regarding presence of current/historical fuel pipe in area and absence of soil or groundwater sample results.

11:11 AM:- sent email to Ms. Witko. informed her that based on available information, no further investigation is required and case is closed. email copied to Mr. Thampi.

Map Identification Number 61 **SMITH HOME** **Spill Number: 0708308** **Close Date: 11/27/2007**
 40 SOMERS STREET BROOKLYN, NY TT-Id: 520A-0210-489

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1716 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: FINEST OIL CO Spiller Phone: (718) 417-1234
 Notifier Type: Local Agency Notifier Name:
 Caller Name: Caller Agency: Notifier Phone:
 DEC Investigator: smsanges Contact for more spill info: BARBARA SMITH Caller Phone:
 Contact Person Phone: (718) 345-6032

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/30/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

above # says that oil co spilled oil on street:

DEC Investigator Remarks:

Caller lives in #38 Somers St. Delivery was made to #40 Somers St.

Property Shark & City ACRS list owner as:

Solomon Brecher, 55 Heyward St, Brooklyn, NY 11211

Through reverse directory, Sangesland spoke to one of the tenants of the building who said the owner is "Gone" and they had no heat, so they called city. Sangesland spoke to HPD reps... They were able to get in touch with the property owner. Mr Brecher 718-795-6965. He hired Home Fuel 718-963-0700 who in turn sub contracted the delivery to Finest Oil Co. Johnny 718-417-1234. Home Fuel said they would send a crew out to the site right now.

ABC Tank was hired to do cleanup.

Owner was contacted and oil company completed cleanup.

Map Identification Number 62 **SUBWAY TUNNEL** **Spill Number: 0813338** **Close Date: 03/19/2009**
 BUSHWICK AVE & ABERDEEN ST BROOKLYN, NY TT-Id: 520A-0226-053

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1726 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: BUSHWICK AVE / ABERDEEN ST
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: smsanges Contact for more spill info: JENNIFER WUOTINEN Contact Person Phone: (646) 252-5768

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/11/2009		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ANTIFREEZE	OTHER	150.00	GALLONS	0.00	GALLONS	

Caller Remarks:

CALLER STATES THAT THERE IS ANITFREEZE WITH WATER IN A CEMENT CONTAINMENT AREA THAT LEAKED FROM THE STREET ABOVE. CLEAN UP IS PENDING.

DEC Investigator Remarks:

Sangesland followed up with Jennifer Wouten of NYC Transit.
Turns out another group at Transit used green dye to trace a line. There was no spill of Anti-Freeze to the environment.

Map Identification Number 63 **PS296 SCHOOL** **Spill Number: 9810352** **Close Date: 11/06/2008**
 125 COVERT ST BROOKLYN, NY TT-Id: 520A-0046-602

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1775 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: FRANK CARDELLO – PS296 SCHOOL	Spiller Phone: (718) 391-6832
Notifier Type: Other	Notifier Name: ISAAC MUNGRA	Notifier Phone: (718) 624-4842
Caller Name: ISAAC MUNGRA	Caller Agency: PETROLEUM TANK CLEANERS	Caller Phone: (718) 624-4842
DEC Investigator: kkchanda	Contact for more spill info: FRANK CARDELLO	Contact Person Phone: (718) 391-6832

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/16/1998		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

PLUG TO TANK LEFT OPEN CAUSING SPILL- SPEEDI DRY PUT IN PLACE
 ACTUAL CLEANUP TO BE COMPLETED BY TOMORROW.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

06/12/06: This spill is transferred from Mike Mulqueen to Mr. koon Tang.

02/02/07: Re-assigned to Chanda.

5/4/07: Kartik Chanda of DEC has reviewed all documents regarding this spill case. On 5/4/07, Chanda sent a letter to James Merlo, Manager Fuel Division, NYC Department of Education, requiring that the following documents be submitted to DEC for review by June 20, 2007:

1. An explanation of the cause of the tank system failure;
2. Either a description of the work performed to restore the integrity of the tank system (including retesting results), or a description of the work performed to close (decommission) the tank;
3. Information regarding petroleum contamination found at the site and cleanup activities (if any) associated with a release from this tank system;
4. Any available documentation (i.e., invoices, bills, sampling analysis reports, etc.) pertaining to the work performed at this site associated with this violation.

6/15/07: Chanda received a letter from James Merlo, NYC Department of education regarding this spill case. He stated that his office does not have any information pertaining to this spill.

7/10/07: Chanda sent a letter to Ms. Guterman, NYC School Construction Authority, requiring that information regarding petroleum contamination found at the side and cleanup activities (if any) associated with a release from the tank system be submitted to DEC for review by August 22, 2007.

9/6/07: Chanda received a letter regarding this spill case from Alex Lempert, Director, Industrial & Environmental Hygiene Division. He wrote that "NYCSCA has not been able to locate any documentation of the clean up performed in 1998. Mr. Drew Pardus of the NYCSCA performed a site inspection on July 30, 2007 and noted that the school has two 10,000 gallon #6 fuel oil ASTs to fuel the school boiler. Both ASTs have containment and are located in the basement of the school. De minimis staining was observed in the containment from routine operation and maintenance of the ASTs. No significant accumulated product was observed inside the containment."

10/23/08: A meeting was held on 10/21/08 among DER staff, the NYCSCA representative to discuss the site status and updated information for this site. The meeting's consensus was that a site visit is required with NYCSCA representative.

11/3/08: Chanda visited the spill site with Mr. Drew Pardus and observed that two #6 fuel oil AST on site. Both AST s have containment from routin operation. No significant accumulated product was observed inside the containment. Chanda took several photographs around the #6 fuel oil ASTs.(see eDocs)

11/5/08: Chanda reviewed the spill related documents and discussed with Mark Tibbe(NYSDEC) regarding the site visit and NYCSCA's letter dated October 7, 2008. Based on the information presented to the Department, DEC closed this spill, dated 11/6/08.

11/7/08: Chanda sent an NFA letter to Ms. Lee Geterman, NYCSCA and copy to Drew Pardus, NYCSCA via regular mail and e-mail.

Map Identification Number 64  **DRUM RUN** **Spill Number: 0612318** **Close Date: 03/14/2007**
 149 MOFFAT STREET BROOKLYN, NY TT-Id: 520A-0038-301
 SIDE OF STREET

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1785 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: VERA LAW – UNKNOWN Spiller Phone: (917) 682-3267
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SFRAHMAN Contact for more spill info: VERA LAW Contact Person Phone: (917) 682-3267

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/09/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	125.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS 2- 55 GALLON DRUMS WITH WASTE OIL IN ADDITION A 15 GALLON BUCKET AS WELL, LEFT ON SIDE OF STREET. MOFFAT AVE BETWEEN EVERGREEN AND CENTRAL:

DEC Investigator Remarks:

Added to the drum run
 03/14/07 Rahman- Drum was found on 03/13/07, pumped out and NYC sanitation was notified to pick up the drum.

Map Identification Number 65  **HOPKINS AVE /FULTON ST SU** **Spill Number: 8606601** **Close Date: 10/23/2001**
SUBWAY AT HOPKINS/FULTON **BROOKLYN, NY** **TT-Id: 520A-0042-760**

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1800 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: HOPKINSON AVE / FULTON ST
 Revised zip code: 11233

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: TOMASELLO Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/27/1987		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DIESEL FUEL OIL ON TRACK. FIRE DEP. REQUESTED DEC AID. INVESTIGATED BY SULLIVAN

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

// : ALSO RECEIVED CALL FROM STANLEY SELDENBERG ABOUT NO.4 F.O. ON SUBWAY TRACKS. FILE NOTE SPILLAGE TO TRACKS YEARS AGO, NO FURTHER COMPLAINTS RECEIVED, CLOSE OUT

Map Identification Number 66 **IN FRONT OF** **Spill Number: 1312168** **Close Date: 05/01/2014**
 429 BAIN BRIDGE STREET BROOKLYN, NY TT-Id: 520A-0297-657

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1804 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: IFO 429 BAINBRIDGE ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/28/2014		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0.50	GALLONS	0.00	GALLONS	

Caller Remarks:

clean up pending results

DEC Investigator Remarks:

5/1/14 – Austin – 1/2 gal unk. oil found in service box – Con Ed contained and cleaned up the spill; no source identified – See D2 files for further information – Spill closed – end

Map Identification Number 67 **SERVICE BOX 16718** **Spill Number: 9813780** **Close Date: 02/23/1999**
 334 CHAUNCEY ST BROOKLYN, NY TT-Id: 520A-0046-111

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1822 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CON EDISON	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: SCHILLING	Notifier Phone:
Caller Name: STEVEN CRIBBIN	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/12/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNDIAPERABLE SHEEN ON TOP OF 5 GAL OF WATER IN BOX – CONTAINED – SAMPLE TAKEN – CASE #122981

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 Con ed e2mis 122-981 notes:

2/12/99 09:30 hrs

Charles Schilling #38938, O/S with Underground, reports that at 09:25 hrs found an undiaperable sheen of unknown oil on approx. 5 gal water in SB-16718, F/O 334 Chauncey St. Spill is contained. No sewers or waterways affected. Env. stop tag #16070 installed. Took one liquid sample oil & water on a 4-6 hour priority turnaround. Cleanup pending PCB results from Chem Lab.

2/13/99---LAB RESULTS RETURNED <1PPM---LAB SEQ #99-01526.

UPDATE 2-13-99 11:36 G.KERN #50632 FLUSH DEPT. REPORTED OIL CLEAN UP COMPLETED WITH SLIX IN SB16718 AND OIL E.S.TAG 16070 WAS REMOVED.

Map Identification Number 68 **MANHOLE 695** **Spill Number: 9814887** **Close Date: 03/31/1999**
 **DECATUR ST/HOWARD AVE** **BROOKLYN, NY** **TT-Id: 520A-0037-572**

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1875 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN – UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MR DOMATONE Notifier Phone:
 Caller Name: BILL MURPHY Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: BILL MURPHY Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/15/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SHEEN ON 50 GALLONS OF WATER.

CON ED 123636.

PRESSURE TEST ONNTRANSFORMER NEGATIVE. PCB HISTORY OF 10PPM.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

A sheen of unknown oil on 50 gallons of water. PCB records show 10ppm. No records to show sewer connection. Pressure tested unit found to hold. Unable to see sump pump due to water. Contained no sewers or waterways affected.

<1.00ppm, Reports cleanup completed and tag removed.

Map Identification Number 69 **770 CHAUNCEY ST/CBS FOODS**
 770 CHAUNCEY ST/CBS FOODS

BROOKLYN, NY

Spill Number: 9108087

Close Date: 02/21/1995
 TT-Id: 520A-0043-388

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1880 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 770 CHAUNCEY ST
 Revised zip code: 11207

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: HARRY SAMUEL
 DEC Investigator: O'DOWD

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 919-3930
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/28/1991	02/21/1995	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 70 **MANHOLE #28722**
 MACON ST & HOWARD

BROOKLYN, NY

Spill Number: 9812674

Close Date: 10/17/2002
 TT-Id: 520A-0042-995

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1921 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: MACON ST / HOWARD AV
 Revised zip code: 11233

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: RICHARD ROACH
 DEC Investigator: CAENGELH

Spiller: CALLER - CON ED
 Notifier Name: MR. REIDY
 Caller Agency: CON EDISON
 Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6763
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/14/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

3 GAL UNKNOWN OIL IN 1000 GALLONS OF WATER – HAS BEEN SENT OUT FOR TESTING – CON ED 122434

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT" e2mis no. 122-434:

14-JAN-1999 FEILD OP WHITAKER REPORTS FOUND 3 GALLONS UNKNOWN OIL ON 1000 GAL OF WATER IN MH28722 WHILE SHOOTING FAULT, IT IS CONTAINED AND NO SEWERS OR WATERWAYS AFFECTED . SAMPLE TAKEN AND TAG HUNG 4 TO 6 HR TURNAROUND ON SAMPLE.

UPDATE: 1/15/99-09:45HRS-LAB SEQ#99-00441-RESULTS 4PPM.

UPDATE 1-16-99 02:00HRS TANKER TRUCK FROZE UP IN THE MIDDLE OF CLEANUP. CREWS WILL BE BREAKING DOWN & WILL FOLLOWUP.

UPDATE 1-17-99 11:00HRS CALLED D.E.P TO REPORT WATER LEAK, AND SPOKE TO WOMEN BY THE NAME OF KAREN. SHE SAID THAT SHE WILL LOG IT AND CANT PROMISE THAT ANY CREW WILL BE THERE TONIGHT.

UPDATE 1-18-99 01:25HRS FLUSH CLEANED HOLE AGAIN , AND TANKER FILLED UP. FOD COMPLETED TAGGING . AND LEFT ENV. STOP TAG IN PLACE. HOLE IS MAKING WATER AT VERY QUICK RATE.

UPDATE: 1/20/99 20:40HRS-AS PER TINO-FLUSH OPS-PUMPED M/H DOWN WITH 3 TANKERS-DEP ON LOCATION-DEP FOUND WATER LEAK F/O 784

MACON STREET-LEAK SHOULD BE REPAIRED WITHIN 24 HOURS AND CLEANUP PENDING REPAIRS.

UPDATE: 1/21/99 - 0830 SPOKE WITH SUSAN OF D.E.P. AT 699-9811 REGARDING AMOUNT OF TIME GIVEN CUSTOMER TO HAVE WATER LEAK REPAIRED BY PLUMBER. I WAS TOLD THEY GET 72 HOURS FOR REPAIR. I THEN CALLED THE SHIFT MANAGER FOR THE LOCAL D.E.P. YARD AT 389-4451 TO SEE IF I COULD ARRANGE A MEET WITH ONE OF HIS CREWS FOR 6 P.M. SAT. 1/23/99. HE TOLD ME THAT THE 72 HOURS DOES NOT INCLUDE WEEKENDS AND THAT THE EARLIEST HE COULD SEND AN INSPECTOR THERE WOULD BE MON. 1/25/99 AT 6 P.M. AT THAT POINT IF THE INSPECTOR FINDS NONCOMPLIANCE BY THE CUSTOMER, A CREW IS SENT THE FOLLOWING DAY TO DIG UP THE STREET AND CUT OFF THE CUSTOMER.

UPDATE: 1/26/99 – 1800 J. DEKANCHUK – O.S. – ENV. OPS., REPORTS 3 TANKERS FILLED UP AT THIS LOCATION AND STRUCTURES CONTINUE TO FILL UP WITH WATER.

UPDATE: 1/27/99 – 0700 DEP APPRISED OF SITUATION AND WILL SEND INSPECTOR TO LOCATION AS SOON AS POSSIBLE.

UPDATE: 1/28/99 – 0630 CALLED DEP, SPOKE TO MR. GILL. I WAS TOLD THAT THE INSPECTOR THAT WENT OUT YESTERDAY CHECKED THE WORK THAT WAS DONE IN FRONT OF 784 MACON STREET AND FOUND IT COMPLETED. I TOLD MR. GILL THAT THERE IS EVIDENTLY ANOTHER BREAK SOMEWHERE IN

THAT AREA BECAUSE THE STUCTURES CONTINUE TO FILL UP WITH WATER. HE TOLD ME THAT HE WOULD SEND A TEAM OUT THERE TO FIND THE SECOND BREAK AND THAT WE WERE NOT REQUIRED TO BE THERE.

UPDATE: 1/28/99 – 0730 I RECEIVED A PHONE CALL FROM ED JENKINS, SHIFT SUPERVISOR FOR THE DEP. HE TOLD ME WE WOULD NEED TO MEET WITH HIM WITH A TANKER. I TOLD HIM THE TANKERS WERE SENT OUT TO OTHER FEEDER JOBS. HE THEN TOLD ME HE WOULD ATTEMPT TO FIND SOMETHING OUT THERE WITHOUT US.

UPDATE: 1/28/99 – 0830 C. FERNANDEZ – O.S. – ENV. OPS. DECIDED HE WOULD TAKE A TEAM AND 12 VOLT PUMP TO LOCATION TO PUMP OUT 2 NON-OIL SERVICE BOXES ON EITHER SIDE OF THE TROUBLE HOLE TO DETERMINE WHERE THE WATER WAS COMING FROM. MR. JENKINS WILL MEET HIM AT LOCATION.

UPDATE: 1/28/99 – 1200 C. FERNANDEZ – O.S. – ENV. OPS., REPORTS THAT MR. JENKINS DETERMINED WHERE THE WATER WAS COMING FROM AND WILL SHUT OFF THE WATER MAIN FEEDING THE AREA TOMORROW MORNING. THE CUSTOMERS WILL BE ALERTED OF THIS. TWO TANKERS WILL MEET US AND THE DEP TOMORROW MORNING.

UPDATE :02–24–1999 1400 CLEAN UP COMPLETE WITH SLIX BY WALKER FROM FLUSH DEPT TAG REMOVED. INCIDENT IS CLOSED.

Map Identification Number 71**SUBWAY**

ROCKAWAY AVE STATION

BROOKLYN, NY

Spill Number: 0801738**Close Date: 05/19/2008**

TT-Id: 520A-0217-978

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1953 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: ROCKAWAY AVE

Revised zip code: 11233

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: smsanges

Spiller: SHERRY BULKLEY – SUBWAY
 Notifier Name:
 Caller Agency:
 Contact for more spill info: SHERRY BULKLEY

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (646) 252-5777

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/14/2008		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNKNOWN SUBSTANCE AND AMOUNT STILL INVESTIGATING, WENT INTO TROUGH TRACK BED AND PADS ARE DOWN

DEC Investigator Remarks:

5/14/2008 – Diesel spilled on the tracks during the night. Crew going back down tonight. Unknown source? Maybe from a crack in the wall? Deep tunnel, probably NOT from a street spill. Sherry will forward an informational e-mail later today.

5/15/2008 Message from Sherry Bulkley NYCT:

Field supervision reports several small quantity spills of unknown origin, all of which were contained in the troughs. The troughs are dry (no flowing water), absorbent pads were placed down, and there was no release to the environment. This evening G/S Steven Leahy (Infrastructure nights) will have his crew pick up the pads and dispose of them in an appropriate manner. Assuming that no additional product is observed, we'll treat this as an isolated incident and ask DEC to close out the spill.

05/16/2008 Additional from Sherry Bulkley: I believe this may be residual oil leftover from a historic spill. The site was visited last month with DEC and we were planning on revisiting the site to determine a clean-up schedule.

This new spill will be closed and the historic spill number is #00-11026 remains open for now.

Map Identification Number 72



ROCKAWAY AVE STATION –NYCT

2158 FULTON ST (C LINE)
(ROCKAWAY AVE & FULTON ST)

BROOKLYN, NY

Spill Number: 0011026

Close Date: 08/20/2013

TT-Id: 520A-0039-933

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1953 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 2158 FULTON ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: SELWYN ALEXIS	Caller Agency: NYC TRANSIT	Caller Phone: (718) 243-5154
DEC Investigator: RVKETANI	Contact for more spill info: SELWYN ALEXIS	Contact Person Phone: (718) 243-5154

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/09/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

oil is seeping through ceiling onto wall and onto tracks. area above tracks might have abandoned drums there. spill was investigated but no clean up yet.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"

11/12/10 – spill re-assigned from Tibbe to Joe O'Connell

3/9/12 – Raphael Ketani. I sent Mark Tibbe of DEC (the former case manager) an e-mail requesting any information he remembered about the case.

3/12/12 – Raphael Ketani. Mr. Tibbe responded back today with the below e-mail:

#2 fuel oil leaking into a subway station. Never found a source. Milro went in a couple of times and did some cleanup. NYCT was supposed to keep an eye on it and let us know if anything returned. Went back once a couple of years ago with NYCT. Found a couple of spots of a little oil. NYCT was going to clean it and watch it some more. Could probably be closed but would check it one more time before you did that. Most of the spots that the oil was leaking in were on the platform and on the tracks in the station. There is a dewatering sump not far from the station that collected a little oil also, probably from the tracks in the station. If nothing has returned in the last 2-3 years, you could close it.

7/11/13 – Raphael Ketani. I made a site inspection today. I walked the entire station and didn't see any signs of an oil spill. The ceiling had a little bit of peeling paint over one track. However, there were no signs of seepage. The ceiling over the two platforms was light colored and showed no signs of seepage or damage.

7/18/13 – Raphael Ketani. A monthly progress meeting was held today regarding oil spills at a number of NYCT sites. Attending the meeting was Toni Watts of the NYCT Office of System Safety (646) 252–5939. I asked her whether she could find any information or documentation regarding this spill. She said that she would look into the matter.

7/19/13 – Raphael Ketani. I made an unannounced site visit to the street above the subway station. The area consisted of third floor walk up apartment buildings with stores on the ground floor. I saw two stores with possible cemented over fill ports and no vent pipes. Otherwise, there was no sign that anyone had oil service.

Once back at my office, I searched the address 2158 Fulton Street in the spills database. No other spill cases came up.

7/25/13 – Raphael Ketani. Ms. Watts called me today. She said that they could not find any documentation in the NYCT records system regarding the spill.

8/20/13 – Raphael Ketani. The Final ISR was written and signed by myself, Randall Austin – Chief of the Spills Unit, and Louis Oliva – Regional Attorney. The Final ISR was then sent to Dennis Farrar in the Albany, NY office of the Division of Remediation.

Map Identification Number 73 **1215 HERKIMER STREET** **Spill Number: 9514619** **Close Date: 02/20/1996**
 1215 HERKIMER STREET BROOKLYN, NY TT-Id: 520A-0046-109

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1969 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: CHARLIE LIUZZA – 1215 HERKIMER STREET	Spiller Phone: (718) 595-6777
Notifier Type: Other	Notifier Name: MRS GONZALES	Notifier Phone: (718) 485-6021
Caller Name: CHARLIE LIUZZA	Caller Agency: NEW YORK CITY DEP	Caller Phone: (718) 595-6777
DEC Investigator: LUCE	Contact for more spill info: CHARLIE LIUZZA	Contact Person Phone: (718) 595-6777

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/15/1996		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

black oil was apparantly put out for the sanitation department
to pick up and it spilled in front 1215 herkimer street

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEP NOT PLANNING ON RESPONDING – CALLED GONZALEZ – LEFT MESSAGE ON MACHINE ON 02/15/96 – AS OF 02/20/96, GONZALEZ HAD NOT CALLED BACK – NO ACTION TAKEN BY DEC.

Map Identification Number 74 **RESIDENCE-HPD** **Spill Number: 9711780** **Close Date: 01/26/1998**
 1257 HERKIMER ST BROOKLYN, NY TT-Id: 520A-0045-911

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1976 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Federal Government	Notifier Name: SABINE HERARD	Notifier Phone: (718) 595-6700
Caller Name: SABINE HERARD	Caller Agency: DEP	Caller Phone: (718) 595-6700
DEC Investigator: MCTIBBE	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/21/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIESEL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

50 GAL OF FUEL ON BASEMENT FLOOR,UNK HOW IT GOT THERE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 BROKEN PIPES (VANDALIZISM). CALLED DEP: HPD BLDG. HPD HAS TO GET A CONTRACTOR. NO NUMBER AVAILABLE AT THIS TIME. (CHECKED PBS
 NO REGISTRATION). OEM CALLED HPD. PTC CALLED IN TO CLEAN. VACCED OUT OIL AND WATER. CLEANED RESIDUAL OIL.

Map Identification Number 75 **MANHOLE 14355** **Spill Number: 0010761** **Close Date: 04/19/2001**
 HULL ST / SARATOGA AV BROOKLYN, NY TT-Id: 520A-0038-816

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1979 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: LAZIO	Notifier Phone:
Caller Name: ANTHONY NATALE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: OKWUOHA	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/28/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PINT UNK OIL IN MANHOLE – CONTAINED – CASE #134908

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 12-28-00

Approx. 1pt. of unknown oil leaked from duct onto wall of MH14355 and MH floor. No water or dirt in MH. Cannot verify if sewer connection, joint regulator or sump is in hole. Liquid is contained to hole, no sewers or waterways affected. There was no fire in the hole. No substantial cracks visible in structure at this time. Cleanup pending sample results.

Lab Seq#00-12177 <1.0ppm 1-03-01

Update 1-09-01 1710hrs.

Flush employee reports cleanup complete, no sump in structure and env. tag removed.

1-12-01 0710hrs.

Cleanup completed by double washing structure with slix. Liquids wer removed using coagulent and diapers. No leaking company equipment. Incident closed.

Map Identification Number 76



CONSOLIDATED BUS COMPANY

2037 EASTERN PARKWAY

BROOKLYN, NY

Spill Number: 0314209

Close Date: 09/21/2004

TT-Id: 520A-0044-125

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 1998 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: MARK TUROFF
 DEC Investigator: JBVOUGHT

Spiller: MARK TUROFF - CONSOLIDATED BUS COMPANY
 Notifier Name: MARK TUROFF
 Caller Agency: PRIVATE CONTRACTOR
 Contact for more spill info: MARK TUROFF

Spiller Phone: (917) 750-1843
 Notifier Phone: (917) 750-1843
 Caller Phone: (917) 750-1843
 Contact Person Phone: (917) 750-1843

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/29/2004		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

DURING SOIL BORINGS FOUND CONTAMINATED SOIL: WILL CONTINUE BORINGS AND DECIDE HOW TO HANDLE:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
PBS is overdue #2-117463

Mark Turoff was hired by Consolidated Bus to delineate the contamination on the site. He says Consolidated bought the property from Caravan Transport (name on old PBS).

Contaminated soil letter sent to:

Steven Genovese, Consolidated Bus Company, 36 Snediker Ave. Brooklyn, NY 11207

4/6/04-Vought-Spill transferred from Rommel to Vought. Vought called Mark Turoff for status update. Delineation included three wells and sampling. Report should arrive to DEC by 5/31/04.

5/18/04-Vought-Reviewed faxed investigation results and well proposal from Turoff. Soil analyticals show minor PAH exceedences up to: 680ppb benzo(a)anthracene(SB5 8-12'), 1700ppb benzo(a)pyrene(SB5 8-12'), 3400ppb benzo(b)fluoranthene(SB5 8-12'), 1000ppb benzo(g,h,i)perylene(SB5 8-12') and 780ppb chrysene(SB5 8-12').

DEC approved well installation plan and requires: 1)detailed soil description due to PAH exceedences. Vought called Turoff and approved plan. DEC will receive report by 7/1/04.

5/25/04-Vought-Boring performed to 60' and no water encountered. Tanks are currently emptied and no fuel pumps present. Only two tanks onsite are 3000-gallon diesel USTs which are currently empty. Boring performed to depth of 65' feet with no groundwater encountered. Four borings on surrounding sides of tankfield show no TAGM 4046 Required Soil Cleanup Objectives for VOCs and also show no impact to groundwater due to proximal location to tankfield. DEC will close spill upon reception of: 1) tank tightness tests and 2) 65' Boring data.

6/2/04-Vought-Received report from Turoff.

7/7/04-Vought-Reveiwed report received on 6/2/04. "We continued our borings to a depth of sixty feet below the lowest grade on the property. The soil was completely dry. Little, if any, moisture was found in the sample at depth. The soil was heavily brownish/red clay. No sand or gravel was encountered. We screened every five feet with a MiniRae PID and got no hits. There were no odors or staining of any kind and a jar test revealed no phase separation in the soil. Headspace PID readings were negative." "That is why a pressure test was conducted". DEC requires: 1) tank tightness tests results. Vought called Turoff and left message with outstanding test requirement.

7/12/04-Vought-Received message from Patricia Zonobio(DEP Commissioners office 718-595-6524). Vought returned call and left message to return call to DEC. Vought later spoke to Zonobio and reaffirmed requirement of tightness test.

7/13/04–Vought–Received passing system test results from Energy Storage Systems for passing test performed on 4/9/01. DEC requirement still outstanding. Vought called Turoff and Turoff stated that current tank test was being scheduled.

9/21/04–Vought–Received passing system test results. Spill closed by Vought.

Map Identification Number 77	SERVICE BOX 14548		Spill Number: 9903141	Close Date: 05/18/2000
	411–413 BAINBRIDGE ST	BROOKLYN, NY		TT–Id: 520A–0044–198
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (2)		Revised street: NO CHANGE		
Approximate distance from property: 2025 feet to the WSW		Revised zip code: NO CHANGE		
Source of Spill: UNKNOWN		Spiller: UNKNOWN		Spiller Phone:
Notifier Type: Affected Persons		Notifier Name: MR PAVARELLI		Notifier Phone:
Caller Name: FRANK MASSERIA		Caller Agency: CON EDISON		Caller Phone: (212) 580–6763
DEC Investigator: JHOCONNE	Contact for more spill info:			Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/18/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON EDISON #125624 SAMPLE TAKEN CLEAN UP PENDING – 1 PINT ON 2 GALLONS OF WATER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 con ed e2mis notes:

Approx 1 pt of unknown oil on 2 gallons water in sb. No oil filled equipment. <1ppm cleanup complete and tag removed. Incident is closed.

Map Identification Number 78 **79 DESALES PL** **Spill Number: 9511510** **Close Date: 02/28/2003**
 79 DESALES PL BROOKLYN, NY TT-Id: 520A-0043-465

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2028 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 79 DE SALES PL
 Revised zip code: 11207

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MARIE RIVERIA Notifier Phone: (718) 574-9571
 Caller Name: BLACK, ULYSES Caller Agency: Contact Person Phone: (718) 649-5677
 DEC Investigator: TOMASELLO Contact for more spill info: MARIE RIVERIA

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/12/1995		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reports tenants in building he owns report odor of
 gasoline in building – caller believes there was an explosion
 in area this morning which fire dept, con edison and others
 responded – this situation has been reported before – req follow
 up

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 79

SERVICE BOX 15457

416 BAINBRIDGE ST

BROOKLYN, NY

Spill Number: 9903145

Close Date: 05/18/2000

TT-Id: 520A-0046-118

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2041 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: STEVEN CRIBBIN
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN - UNKNOWN
 Notifier Name: MR POVERALLI
 Caller Agency: CON ED
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-8576
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/18/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 pt of unk oil on 2pt of water - con ed #125626- sample taken clean up pending results

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Approx 1 pt of unknown oil on 2 gallons water in sb, No parking tues and friday. <1.00 ppm, Cleanup complete Incident is closed.

Map Identification Number 80 **H.P.D. HOUSING** **Spill Number: 9611846** **Close Date: 12/31/1996**
 21 HULL ST BROOKLYN, NY TT-Id: 520A-0046-108

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2073 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: PETE Notifier Phone: (718) 855-6060
 Caller Name: BOB DECK Caller Agency: PETROLEUM TANK CLEANERS Caller Phone: (718) 624-4842
 DEC Investigator: TOMASELLO Contact for more spill info: BOB DECK Contact Person Phone: (718) 624-4842

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/31/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLERS COMPANY HIRED TO CLEAN UP AN HISTORICAL SPILL AT THE ABOVE LOCATION – ALL MATERIALS HAVE BEEN DRUMMED FOR DISPOSAL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 81 **NEW CONSTRUCTION** **Spill Number: 9712516** **Close Date: 02/09/1998**
 150 SUMPTER ST BROOKLYN, NY TT-Id: 520A-0046-115

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2094 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: KEITH PETTEY
 DEC Investigator: SMMARTIN
 Spiller: UNKNOWN
 Notifier Name: SITE WORKER
 Caller Agency: SARATOGA 3 HOUSING CORP.
 Contact for more spill info: KEITH PETTEY
 Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 875-8500
 Contact Person Phone: (718) 875-8500

Category: Investigation indicates there was no spill.
 Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/09/1998		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING GRADING OF DIRT, A TANK WAS FOUND. UNKNOWN SIZE, UNKNOWN PRODUCT INSIDE. APPEARS TO HAVE BEEN NO LEAKAGE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
 ADVISE: 1. NOTIFY OWNER. 2. FIND SIZE. 3. PUMP OUT TANK. 4. REGISTRATION IF NECESSARY. 5. CLOSURE OF TANK.

Map Identification Number 82 **CHAUNCEY ST & CENTRAL AVE** **Spill Number: 8907862** **Close Date: 11/08/1989**
 CHAUNCEY ST & CENTRAL AVE BROOKLYN, NY TT-Id: 520A-0037-482

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2105 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: CHAUNCEY ST / CENTRAL AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: SEAMAN SCOTT EASTMOND
 DEC Investigator: WILSON
 Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: U.S. COAST GUARD
 Contact for more spill info:
 Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 668-7920
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/08/1989	11/08/1989	UNKNOWN	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

MAY BE DIESEL FUEL FROM TRUCK NRC AND DEP WILL BE NOTIFIED.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

// : REFERRED TO DEPT OF SANITATION 212-566-5196. CALL BACK FOR DETAILS. CALLED BACK AND DEPT SAID THAT SPILL WAS CLEANED UP COVER SAW BY A DEPT. OF SANITATION SUPERVISOR.

Map Identification Number 83 **STREET** **Spill Number: 0905714** **Close Date: 08/17/2009**
 INTERSECTION CENTRAL AVE & CHAUNCEY ST BROOKLYN, NY TT-Id: 520A-0233-024

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2105 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: CENTRAL AVE / CHAUNCEY ST
 Revised zip code: 11207

Source of Spill: UNKNOWN	Spiller: MALLORY GILMORE - UNK	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: RMPIPER	Contact for more spill info: MALLORY GILMORE	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/16/2009		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
VEGETABLE OIL (DYE/GREASE)	OTHER	225.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

DEP reports that spill of unknown origin is at the intersection; cleanup pending.

DEC Investigator Remarks:

Material was cooking oil.
 Police stopped a truck that was leaking 225 gal of cooking oil on the street.
 Sanitation was called to sand the "ribbon" of oil through the streets of Brooklyn.

Map Identification Number 84 **1222 HERKIMER ST**
 1222 HERKIMER ST

BROOKLYN, NY

Spill Number: 9404257

Close Date: 10/31/2005
 TT-Id: 520A-0046-121

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2127 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Federal Government
 Caller Name: P.O. DOOLEY
 DEC Investigator: RDDECAND

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: U.S.C.G.
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 668-7920
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/27/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

SPILL ON SOIL- 1341 HRS., UNABLE TO CONTACT NOTIFIER-ANSWERING MACHINE PICKS UP CALL-1400 HRS CALLED THE U.S.C.G., SAID THAT OIL SPILL ON DUMPED IN A VACANT LOT. NEED FOLLOW UP. NO IMMEDIATE RESPONSE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
 10/31/05 DeCandia- surface spill to soil, minimal probability of off site migration and groundwater contamination from small discharge. It is unknown if a cleanup has been completed. Spill closed on 10/31/05.

Map Identification Number 85 **KHISNEN PROPERTY** **Spill Number: 0701165** **Close Date: 07/12/2007**
 BEHIND 671 TO 675 CENTRAL AVENUE BROOKLYN, NY TT-Id: 520A-0048-976

MAP LOCATION INFORMATION **ADDRESS CHANGE INFORMATION**
 Site location mapped by: PARCEL MAPPING (2) Revised street: 671-675 CENTRAL AVE
 Approximate distance from property: 2145 feet to the NE Revised zip code: 11207

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: SAMUEL KNISNEN - KHISNEN PROPERTY Spiller Phone: (718) 669-8153
 Notifier Type: Other Notifier Name: Caller Agency: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: rvketani Contact for more spill info: SAMUEL KNISNEN Contact Person Phone: (718) 669-8153

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/27/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SOMEONE IS PUMPING OIL ON TO PROPERTY AND RUNNING ONTO FRED'S HOME

DEC Investigator Remarks:

Sangesland spoke to Fred Hitz.

He owns a vacant commercial lot at 673 Central Ave, Brooklyn. He parks equipment on the property. The problem is an adjacent Auto Salvage/Junkyard with rainwater run off flowing onto Mr. Hitz' property. Ketani visited the site.

4/27/07 – Raphael Ketani. I visited the site today and arrived after the heavy rain had stopped. The site is behind 671 to 675 Central Avenue, Brooklyn. This general location is at the very end of Central Avenue in the Bushwick area of Brooklyn. The actual property is on a built up area of land that is about 12 feet above mean ground elevation and consists of natural fill. This is land that is next to the MTA tracks and was a side area where the MTA may have staged service operations for the railroad. This upland is reached by traveling up a dirt road which is the east end of Chauncey Street. A locked gate blocks off this piece of road. I took 19 pictures of the general area and affected locations.

I met Brenda Peart first. She owns a derelict building at 675 Central Avenue. The building is block and lot 03447/0001. I looked it up in Property Shark and a picture of the building was available. The building looked to be in much better shape when it was bought for \$20,000 many years back. Ms. Peart said that the oil and water from the rain had entered her basement at the back of the house. I walked around the house and saw that there was no plaster on the sides and back of the house. Only plywood boards. I could look through the back of the house and see the roof with very large holes in it. Also, I saw that the soil behind the house was dark and the plywood at the base of the house was loose. So there was nothing to prevent oil from running into her basement. I didn't enter the house to check the basement because of the junk, refuse and debris that was piled from the floor to the ceiling, leaving only a narrow passageway to walk. Lighting consisted of one dim bulb hanging from a wire. I felt the site was a health and safety danger and that the building may collapse. However, Ms. Peart collected a sample of the sediment in her basement and showed it to me. It was definitely black and smelled slightly oily. She said she didn't live there, but only ran a recycling shop where she collected material for resale in order to raise money for some charity. She doesn't have a phone at the building, but she gets her mail at:

1196 Decatur Street, Brooklyn, 11207-1222 – Mr. Charles Augustine also lives there, but he's not in the phone book

Ms. Peart was observed opening and closing the locked gates to the property that Mr. Heitz owns and the gate to the road leading up to the built up area behind her house. She had original keys to both locks.

Next, I drove up the dirt road to the site by the railroad. There was a long and high mound of junk, rugs and all kinds of household broken items along the south side of Ms. Peart's house. I met Mr. Samuel Khisnen. He runs the junk yard. He said that he works on cars and trucks here. I saw another Asian (Pakistani?/Indian?) individual of about the same age and dressed business-like. This other man didn't come close or enter the conversation. There were 2 other individuals there, but they looked very ragged and appeared to be just the laborers. Mr. Khisnen explained that he had a leak from his front loader and from a leaking tank on a truck he was working on. He showed me the leaking vehicles. There was oil floating on some pools of water nearby and the water was running to a line of large cement blocks at the western edge of the site. This is the border with Mr.

Heitz's property. I told Mr. Khisnen that the oil needed to be cleaned up immediately. He said he will get absorbent material. I also recommended using absorbent booms to catch the oil. He said this sounded like a good idea and would do this, too. I asked to see the site. He showed me around willingly. I saw many derelict trucks and some old cars. He said that he was working on some of the trucks and that his brother was working on one car. There were puddles of oil and sheen in many places. I told him that this all had to be cleaned up. He said he understood. I asked him at the beginning of the inspection who owned the property he was using and he told me that he didn't own it, but that it belonged to the MTA. By the end of the inspection (about 30 minutes later), he was telling me that he owned a part of the site and that the MTA owned the other half. He indicated that he owned the western half. (I looked on Property Shark when I got back to the office and saw the outline of a very long and thin triangle that tapered northeastward and was at the back of Mr. Heitz's property. This was probably Mr. Khisnen's property. However, Property Shark indicated that there is no such parcel of land.) I asked him how he can be reached. He told me the following:

cell (718) 669-8153

old home address: 780 Macon Street, Brklyn., 11233

new home address: 148-17 Linden Blvd., Brklyn., 11226

Lastly, I met Fred Heitz (718) 224-4300/cell (917) 939-5589 at 3:15PM at his property. The block and lot are 03447/0003. He said that he called in the complaint of oil running from Mr. Khisnen's property onto his. He said that he uses the property to store his construction equipment for Heitz Landscape, Inc., 42-28 235 St, Douglaston, NY, 11363. He said he leases the property from Cat-Bella Industries, which holds the title. However, he said, he owns both companies. Mr. Heitz showed me the oil stained soil that runs along the south fence line and showed me where the oil/water flows from that enters his property (the east edge of the location). I could also see large drops of thick oil or grease on the gravel - possibly from his large flat bed equipment trailer. Mr. Heitz said that the oil runs onto his property everytime it rains. While we were talking Mr. Khisnen started up his leaking front loader and started working. After this, I left the area.

5/1/07 - Raphael Ketani. I wrote a Draft CSL and submitted it to Randall Austin, Chief Spills Unit Region 2. I also contacted Steve Miller, Assistant Chief Facilities Officer, MTA, (347) 643-5961. I asked him to find out if the MTA really has a tenant at the spill location, or sold a parcel, or the person is occupying the site illegally. He said he will look into the matter and get back to me.

5/3/07 - Raphael Ketani. I checked the Hagstrom map book and discovered that the tracks are NOT OWNED by the MTA, but by New York & Atlantic/LIRR. I called up Al Albano of the LIRR (718) 558-3144 and asked him whether the LIRR owned the entire piece of land or had sold or leased part of the land to Mr. Khisnen. I explained the situation to him regarding the junkyard and the many oil spills. He said he didn't know, but he will contact the Real Property division of the LIRR and get back to me. He will go to the site to see it for himself.

5/4/07 - Raphael Ketani. I received a call from Mr. Albano and his supervisor, Lou Wonderlick while they were at the site. They said they had looked over the properties 671 to 675 Central Avenue and saw the junk on their right of way. They said they never knew that the situation was like this and that there was a junk yard on the property next to the tracks. They didn't know whether Mr. Khisnen really owned or just leased the property, but they will contact their Real Property division. They said they will take a closer look at the junk yard from the cemetery across the tracks. Mr. Wonderlick asked who was being held responsible for the oil cleanup. I told him and Mr. Albano that DEC is holding Mr. Khisnen responsible, but if he disappears, then DEC might have to hold the LIRR responsible. They asked what needed to be cleaned up. I told him the oil and sediment in the basement of the house at 675 Central Avenue, the oil contaminated soil at 671-673 Central Avenue and all of the contaminated soil at the junk yard. I told them that the oil is motor oil and transmission fluid. They asked how much spilled. I told them there was no way to

know due to the heavy rain events. They asked who owned the road leading up to the junk yard. I told them that as far as DEC knows, it's the property of the LIRR right of way or easement. With that the conversation ended.

5/7/07 – Raphael Ketani. The letter to Mr. Khisnen at 148–17 Linden Blvd. came back with a label stating "no such number." It may be that the address isn't Linden Blvd., but Linden STREET – which is near the junk yard. I will resend the letter.

5/15/07 – Raphael Ketani. The letter to Mr. Khisnen at 148–17 Linden Street came back with a label stating "no such number." I called up Mr. Khisnen and spoke to him (718) 669–8153. I asked him whether the site had been cleaned up. He said that it had. He said that he took a backhoe and dug out all of the affected areas and got rid of the soil. He asked me to come and see the site. I set up an appointment for about 10AM on 5/22/07. I spoke to Mr. Albano (718) 558–3144 of the MTA and told him about my pending site visit. He said he will be out there, too, or else his boss (Lou) will be out there.

5/22/07 – Raphael Ketani. I made an appointment visit to the site at the request of Mr. Khisnen. I took 4 pictures of the site regarding the cleanup and lack of cleanup. He first showed me an area that was dug up in a corner at the southwest side of the property. The soil was clean with no odors, light in color and no PID readings. He showed me other areas in this part of the site. All of them had been dug up and were odor/vapor free. He took me to the central part of the property where his brother works on a car. There he had many buckets with contaminated soil and a bucket with oil. He also had a wheel barrel with contaminated soil in it. I told him that all of the soil and oil had to be removed by a permitted hauler. He said some soil had already been removed, but he couldn't tell me the name. Later, he said he had a receipt for the soil removal work in his truck and a business card from the carter, but he failed to come up with either item. Then he took me to a part of the site between 2 containers. There I saw that someone had operated a piece of equipment to dig up some soil, but many areas of contamination had been missed and some oil had been dripped. I told him this area had to be cleaned up and the soil removed. He said he will hire someone to remove the soil. He said that a man by the name of George took away 2 drums of soil for \$25. Then he took me to the back (northeast) end of the yard (which is really LIRR property). There I saw the old trucks and the oil stained gravel and soil. I told him that this contaminated soil will also have to be removed. He said this area will also be cleaned up. I told him I will be back the second week of June to inspect the site. He said it will all be cleaned up before then. I saw a rolloff container truck with the name SASCO, 146 Willets Point Blvd., Whitestone, NY, 11375. Mr. Khisnen said that this was his truck. I asked him whether his junkyard/property had a company name. He said it didn't. I looked up the name SASCO in the phone books, but didn't find such a company in Whitestone.

I asked Mr. Khisnen how I can send him a DEC letter as the previous 2 had come back marked "no such address." He said that he had a number of run down house properties that he buys and sells to make money to run the junkyard. I asked him where I can send a letter. He said that he is still at the 780 Macon Street address, but there is no mailbox. He said that he owns 148–17 Linden Blvd., but a tenant lives there, not him. He said that checks come to his Macon Street address, but the kids open the letters and tear up the checks and the mail. I asked him what the address is on his bank account. He said that he has an address. However, he became vague and unclear as to how he gets his checks for selling his houses. He said that after he sells the house on Macon Street, he will live for a year in one of the containers in the junkyard. I asked how he can do that? He said it's not as bad as one would think. He said that he may lose his cell phone service. I asked how DEC can get ahold of him if he has no mailing address nor a cell phone. He said that in a month he will always be at the junkyard. I told him that the oily soil in the bottom and back of Ms. Peart's home had to be shoveled out. He said that someone will do it. I commented about all of the junk on the LIRR right of way leading up to his property. He said that it wasn't always this way. He said that 10 years ago Ms. Peart kept the place clean. With this, I left the site.

5/23/07 – Raphael Ketani. I called up Mr. Albano of the LIRR (718) 558–3144 and asked him whether he had found out anything about

whether Mr. Khisnen really owns the property. Mr. Albano said that his Real Estate people did some research and found out some things. First, they found tax maps that show the LIRR property, the LIRR right of way and the property occupied by Mr. Khisnen. He said that the documents show that Mr. Khisnen DOES OWN THE PROPERTY HE OCCUPIES. I asked Mr. Albano for a copy of the documents that show this. He said he will send them to me. He said Mr. Samuels Khisnen is listed as living at 71 Irving Avenue, Brooklyn, 11237. I told him I will double check this. He added that if there are environmental or health impacts to an LIRR or formerly LIRR owned property (and he confirmed there are with the junkyard), then it is the responsibility of the LIRR to remediate the problem. This may mean denying Mr. Khisnen use of the right of way. He said his Real Estate people are looking into the situation with the junkyard as we speak and he will get back to me regarding what action the LIRR will take.

I checked the address in the NYC Property Tax database and in Property Shark. The block and lot are 03199/0007. It's a 6 family apartment building. According to Property Shark, Veeren Samuels owned the building, but sold it on 4/13/99. According to the NYC Property Tax database, H Ranch, LLC now owns the building. I checked the phone books for Veeren Samuels, but could not find this person. So, there is no current address for Mr. Samuels.

5/24/07 – Raphael Ketani. I received the following e-mails from Mr. Albano today:

Rafael,

See attached. Very interesting. Please note that to effectively see the attachment, a portion of the URL must be cut and pasted into your web browser. Let me know if you cant open it...

Al

Albert S. Albano
Long Island Rail Road
System Safety Department
Environmental Field Engineer
Cell (516) 523-0894 or (172*253*167)
Office (718) 558-3144, Fax (718) 454-9052

>>> James Mathieu 5/22/2007 12:20 PM >>>

Mr. Albano, please see this email below that I received from the Department of Sanitation. I believe this is regarding the same site that my colleague, Jason Wasserman, had emailed you about on the 15th of May. Could you please let me know the status of the situation on this lot and if there are any plans to clean it up?

Please call me or email me when you have a chance.

Thank you,
Jim

James A. Mathieu

Real Estate Manager
MTA Real Estate Department
Ph: 212-878-7439
Fax: 212-878-0162
jmathieu@mtahq.org

>>> "Johnson, Gayl" <gjohnson@dny.nyc.gov> 05/22/07 11:45 AM >>>
Dear Mr. Mathieu,

As per our conversation, the following is an extract from my e-mail
from
OMB which needs resolution.

I was watching the Fox 5 news last night and I saw a segment about a
man
in Queens that was being incorrectly fined by DSNY and DOHMH for a
dirty
lot and sidewalk that were located next to his property. You can view
the segment here if you have not seen it already:
<http://www.myfoxny.com/myfox/pages/Home/Detail?contentId=2968476&version>

=1&locale=EN-US&layoutCode=VSTY&pageId=1.1.1. Please note that it's a
video so you have to have the volume turned up.

As you can see from the video, the lot in question is apparently owned
by either the City or the LIRR, and is absolutely covered in trash.
The
owner of the neighboring lot claims that he has called DSNY's Lot
Cleaning Division and requested that they come to clean it, but they
said they were not authorized to do so. I was hoping that you could
shed some light on why this might have happened.

After the DSNY Lot Cleaning Division have been waiting two weeks for a
response from the Office of MTA, who is also responsible for LIRR
properties, I need to know what exactly is being done to correct the
situation in Brooklyn, for Block 3447 Lot 100, which is adjacent to
675
Central Ave. This matter is a priority, and your cooperation is
essential.

Sincerely,

Gayl Johnson
Director of Administration

Lot Cleaning Division
NYC Department of Sanitation
177 East 123rd Street
New York, New York 10035
(212) 410-8814 or (646) 885-0993

This is the second e-mail I received today from Mr. Albano:

See attached property maps and address information.

Al

Albert S. Albano
Long Island Rail Road
System Safety Department
Environmental Field Engineer
Cell (516) 523-0894 or (172*253*167)
Office (718) 558-3144, Fax (718) 454-9052

>>> Jason Wasserman 5/23/2007 2:47 PM >>>
Lew,

Since none of the surrounding land owners are tenants of the MTA/LIRR or NYAR, please arrange with LIRR Legal Department to handle the trespassing issue with the property owners listed on the attached sheets. None of them have agreements with MTA/LIRR or NYAR and they should not be using this property.

According to the tax maps we located, there does not appear to be any abandoned city streets at this location. Therefore, all of the properties and their owners are accounted for on the attached maps. As for the clean up and installation of a fence, these are issues that need to be resolved between LIRR and NYAR as per their agreement (I have cc'ed Mark Westerfield and Joel Torres of NYAR in this email). Mark Westerfield's phone # is 718.928.2305. Since there are no tenants in place or pending agreements at this location, this is not an MTA Real Estate issue.

Thank you.

Jason S. Wasserman
MTA Real Estate
P 212.878.7048
F 212.878.0162

>>> Lew Wunderlich 05/23/07 2:19 PM >>>
Frank/Jason

DEC informed us today that the spill has been cleaned up; however, Mr. Khisen hired someone to remove the soil for \$25. Hopefully the soil wasn't disposed on our right-of-way. The good news is that based upon the property maps provided by Real Estate, it appears that the spill was not on LIRR property.

With respect to how we now proceed, based upon Mark Westerfield's response, we need to resolve the trespassing issue immediately. From the property maps, it appears that Mr. Khisen's property is landlocked. Without a sublease from NYAR, he loses access to his site. I don't know if this poses any legal issues. I'll leave that one to the attorneys.

Per Mark's E-mail, NYC Department of Citywide Admin. Services claims that the access driveway off of Central Avenue is not an abandoned city street. Can Real Estate confirm this? If the property does belong to the MTA, can we immediately secure the property? By doing so, we lock out Mr Khisen. There is presently a chain link fence with a swing gate. I don't know if it is functioning in a manner that would allow us to lock the gate; however, if possible, we should try to secure it.

If NYAR's lease includes the driveway where all the garbage has been deposited, we need to determine what NYAR's responsibility for maintenance of the property is and proceed accordingly. Otherwise the LIRR should commence cleanup ASAP.

Once the dust settles, I recommend that a high security fence with swing gate be installed to limit access to the property. We can also request that MTA PD patrol this site to ensure that it remains secured.

I think that a site inspection with all concerned parties is warranted. Please call me to discuss this matter further.

Lew Wunderlich
Environmental Engineer – LIRR System Safety
(718) 558-3252 (Office)
(718) 454-9052 (Fax)
lwunder@lir.org

>>> Jason Wasserman 5/23/2007 9:42 AM >>>

FYI, regarding Bushwick property.

Jason S. Wasserman
MTA Real Estate
P 212.878.7048
F 212.878.0162

>>> "Mark Westerfield" <mwesterfield@anacostia.com> 05/22/07 5:52 PM

>>>
Jason,

This has become a thorny issue. First of all Mr. Khisnen is not a tenant of the NYA. He owns property adjacent to our right of way, but (admittedly) is occupying portions of our property illegally.

I was unaware of the oil leakage.

The refuse rests on a disputed section of property, which we feel, is an abandoned city street. Haneefah Jones of the Department of Citywide Administrative Services visited the site and reported back to her office. The city now contends that the property is owned by MTA who, in turn contend NYA is responsible for its' maintenance.

In my opinion, Khisnen is not responsible for the garbage. The grey, two story building at street level and parallel to the tracks is occupied by a woman named Brenda who has somehow gotten access to the gate and has added greatly to the pile.

Please call me at (718) 928-2305 to discuss the issue further.

Mark Westerfield

-----Original Message-----

From: Jason Wasserman [mailto:JWASSERM@mtahq.org]

Sent: Tuesday, May 22, 2007 4:41 PM

To: Mark Westerfield

Cc: Joel Torres; Albert Albano; Gerard Leblanc; John Hasley; Lew Wunderlich; Robert Brennan; Stephen N Papandon; Allen Logalbo; Gerard Leblanc; James Mathieu; Michael Bader; Roco Krsulic
Subject: Brooklyn, Block 3447 Lot 100

Mark,

The above referenced block and lot is a property located in Bushwick, Brooklyn being leased to NYAR. It was recently featured on Fox News's "Shame on You" due to an extreme amount of garbage and an oil leak on the site. Lew Wunderlich and Al Albano visited the site with the DEC and they believe that the oil leak and garbage is from a neighboring tenant, Samuels Khisnen, highlighted yellow on the attached map.

Please advise as to whether or not Mr. Khisnen, highlighted in yellow on the attached map, is a tenant of NYAR or if he is illegally trespassing on the site. If he is not the tenant, Lew Wunderlich has said that he will contact the LIRR Legal Department to advise and handle the situation. Also, per the agreement between LIRR and NYAR, it would fall under the jurisdiction of NYAR to clean up the site. If you have any questions or need additional information, feel free to contact me. Thank you.

Jason S. Wasserman
MTA Real Estate
P 212.878.7048
F 212.878.0162

6/26/07 – Raphael Ketani. I made an unannounced site visit. The entranceway to the yard had even more garbage and refuse piled up on the sides. I met Mr. Khisnen. He was dressed in dirty cut off jeans and had been urinating in the bushes that grow along the entranceway. He let me see the yard. I asked him where he is living now. He said in a container in the yard. He said he had been kicked out of the house at Macon Street, Brooklyn, but he still keeps some of his things there and has one of his guard dogs in the backyard there. He said that he still gets his mail there. He started making cellular calls to someone asking what he should do because the state inspector had arrived. Then he made another call to "Dave." He started yelling over the phone and cursing at Dave in four letter words and telling him to get his trucks off the site, that he wanted him to leave him alone and he didn't want to see him, and that he had had enough. I wasn't sure why he was talking this way to Dave – whether to impress me that he is doing something about the mess on the site, or whether he was acting out because of the tension caused by my visit. Either way, I took some steps away from Mr. Khisnen in case something happened. However, he seemed to calm down.

The front of the yard where the oil soil used to be had been dug up before my last visit. It now had clean, sandy soil. We walked the site. I told him to put down absorbent under one truck on a solid concrete pad which was being worked on. He said he had the absorbent and would do so. We walked to the end of the site. I saw 2 small areas of oil soil. They were small enough that they could be hand dug. I pointed them out to Mr. Khisnen and he said he will dig them up. After this, I told him to send me copies of the bills for the cleanup and the removal of the soil. He said he will do this.

About 5 minutes later, a woman in a nice looking late model mini-van showed up. She looked asian or hispanic, it was hard to tell. She was nicely dressed and had Florida plates on her van with the code "W76-9GP." I asked her twice why she was here and

whether she was his wife or a customer. She refused to give any answer, except to say "No." I asked Mr. Khisnen who all of the trucks and equipment at the front of the yard belonged to. He said to an associate of Mr. Heitz. It was unclear to me why trucks belonging to Mr. Heitz would be stored on this site after he had called in the spill. Why jeopardize a business arrangement – Mr. Heitz needs storage space and Mr. Khisnen has the space? I left shortly after meeting the woman at the site, but I told Mr. Khisnen to get me the bills and that I will be back.

I contacted Albert Albano of the LIRR/MTA (718) 558-3144 and told him that the garbage and refuse situation is much worse on the easement. I told him rats are living in the mess. He said he will contact his people in LIRR and try to get the right people motivated to clean up the mess.

7/3&6/07 – Raphael Ketani. Mr. Khisnen (cell (718) 669-8153) sent me copies of May 2007 bills for work done on his property. These bills are from G & D Oil Resources, Inc. for removal of waste oil and cleanup of a concrete pad. There was also a 5/31/07 bill from Don Carlo Environmental Services for removal of contaminated soil. I called up Don Carlo Environmental and they confirmed that they took away the contaminated soil.

7/12/07 – Raphael Ketani. I made a scheduled site visit today at 10:30AM. The first thing I saw was Mr. Khisnen's backhoe next to the large pile of trash on the LIRR right-of-way. Mr. Khisnen had been scooping up the trash, rubbish and debris and putting most of it in a large roll-off container. He had separated all of the metal that was in the trash and had put it in his dump truck. When I met Mr. Khisnen, he explained that the NYCDOS had come by and had made an agreement with him. They will supply the roll-off containers and he will supply the equipment and manpower to move the material into the containers. Already, there was one full container. Mr. Khisnen said that DOS will pick it up today at 5PM. I asked him how they will get into his yard. He said that they have a key to the gate from the railroad.

Next, I inspected the yard with Mr. Khisnen. I didn't see any signs of oil on the ground. The small areas where I had seen contaminated soil before and the concrete work pad where one truck had dripped oil were all cleaned up. The front of the yard and the back of the yard where the trucks were stored were free of contamination. I didn't see any open containers of oil or oil contaminated material. After my walk through, I left the site.

Based upon today's site inspection and the copies of the bills for the removal of oil and contaminated material, I am closing the spill case.

3/14/08 – Raphael Ketani. I received a call from Neal Kupferman (prospective buyer's attorney for 675 Central Avenue) (718) 768-3046. He asked about the conditions that involved the oil spill. I explained to him that there was water, soil, and concrete work pad contamination. I told him that it had been cleaned up, but that DEC couldn't guarantee that Mr. Khisnen hadn't made a mess again. I also told him that DEC wouldn't be making any site visits unless we are in the area. I added that if there is contamination on Mr. Khisnen's property, then a heavy rain storm may wash it down onto 675 Central Avenue. He said he was aware of this. I asked him which property 675 was. He said it was the delapidated house.

Map Identification Number 86

SEVICE BOX 16709

347 CHAUNCY ST

BROOKLYN, NY

Spill Number: 0000947

Close Date: 12/28/2001

TT-Id: 520A-0043-249

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2154 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 347 CHAUNCEY ST
 Revised zip code: 11233

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: TONY LOPEZ
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: CON EDISON
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/24/2000		UNKNOWN	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

caller reported 1 qt oil on 4 gallons water. con ed # 131011.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131011 Notes:

4-24-00 0930hrs

1qt unknown oil on 4gal water in service box 16709. Sample taken.

4-24-00 1605hrs

LSN 00-03970 <1ppm PCB

4-24-00 1425hrs

LSN 00-03971-001 ID returned similar to lubricating oil.

6-22-00 1020hrs

Cleanup completed by double washing with slix. Liquid waste removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 87 **VACANT LOT NEXT TO HER** **Spill Number: 9515842** **Close Date: 07/15/2005**
 83 MACDOUGAL ST BROOKLYN, NY TT-Id: 520A-0046-086

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2163 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 83 MAC DOUGAL ST
 Revised zip code: 11233

Source of Spill: UNKNOWN Spiller: NYC Spiller Phone:
 Notifier Type: Citizen Notifier Name: ALICE GARDENER Notifier Phone: (718) 778-4295
 Caller Name: ALICE GARDENER Caller Agency: CITIZEN Caller Phone: (718) 778-4295
 DEC Investigator: TLDiaz Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/11/1996		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

nyc tore bldg down 10 or 11 years ago and left the tank – now tank is exposed and open

DEC Investigator Remarks:

7/15/05 Site inspection conducted. There is no vacant lot next to #83 however there is a vacant lot next to #93. This lot was fenced off with chain link and access could not be obtained, however, there was a large item under a new looking tarp, but it was not in the shape of a tank. No neighbors were available to verify what this item was. All listed phone numbers on spill report are no longer valid.

Map Identification Number 88

SERVICE BOX #28721

Spill Number: 0501478

Close Date: 07/12/2005



738 MACON ST

BROOKLYN, NY

TT-Id: 520A-0040-676

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2164 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: MARK PIROPATO
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MARK PIROPATO
 Caller Agency: CON ED
 Contact for more spill info: ERT DESK MIKE DAUGHTERY

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/05/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

APPR 1QT ON 50 GALLONS WATER. CON REF # 158427

DEC Investigator Remarks:

e2mis no. 158427:

5/5/05 - 0940hrs - Joe Costanzo # 16245 Splicer, UG, reports while on location to revamp structure found 1 qt unknown oil on 50 gallons water in SB28721. Sample taken marked E priority - chain of custody AA27140. Clean up pending test results.

Update - 5/5/05 - 1515hrs

Samples delivered to chemlab at this time and were in the wrong jars. Resampling needs to be done.

UPDATE**** 5-5-05 20:40HRS SECOND SAMPLE ARRIVED TO CHEM LAB WITHOUT A CHAIN OF CUSTODY NUMBERS. J. HENDRIX (SUPERVISOR) STATES THAT HE CAN NOT EXCEPT NEW SAMPLE WITHOUT IT. NEW SAMPLE WILL HAVE TO BE TAKEN. SAMPLE WILL BE RE- TAKEN AGAIN AND WILL CALL ENV DESK AT THAT TIME WITH SAMPLE UPDATE.

UPDATE***** 5-6-05 00:08HRS NEW SAMPLE TAKEN AND CHAIN OF CUSTODY IS DD-00178. S. PACE 49874.

PCB Analysis by EPA 608/8082

 Aroclor 1242 < 1.0 ppm EPA 608/8082
 Aroclor 1254 < 1.0 ppm EPA 608/8082
 Aroclor 1248 < 1.0 ppm EPA 608/8082
 Aroclor 1260 < 1.0 ppm EPA 608/8082

UPDATE: 5/6/05 – 1940. N. DREVITCH – ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH SLIX. TAG # 41090
 REMOVED. TJ – 50495

Closed. 7-12-05. George Breen

Map Identification Number 89 **NEXT TO 85 MACDOUGAL ST** **Spill Number: 9708059** **Close Date: 11/14/1997**
 BY HOWARD AVE & MACDOUGAL BROOKLYN, NY TT-Id: 520A-0050-383

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2182 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NEXT TO 85 MACDOUGAL ST
 Revised zip code: 11233

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JOE SCARPULO – HPD Spiller Phone: (212) 863-
 Notifier Type: Affected Persons Notifier Name: ANTHONY GARDINER Notifier Phone: (718) 778-4295
 Caller Name: ANTHONY GARDINER Caller Agency: SUPER FOR 85 MACDOUGAL ST Caller Phone: (718) 778-4295
 DEC Investigator: MMMULQUE Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/02/1997		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

 Caller Remarks:

CALLER REPORTS CONSTRUCTION WORKERS WERE EXCAVATING SITE NEXT TO HIS BUILDING WHEN THEY RUPTURED TANK – CALLER REPORTED THIS INCIDENT TO EPA – CALLER’S COMPLAINT TODAY IS FUMES FROM OIL ARE ENTERING HIS BUILDING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
 CALLED HPD ON 10/9/97 GOT REPOSE ON 10/10/97 FROM JOE SCARPULO. HPD INVESTIGATION INDICATES THAT THE OIL TANK WAS RUPTURE BY URBAN RENEWAL CONTRACTOR – HUDSON COMPANY WHO IS INVOLVED IN THE SARATOGA STREET COMPLEX. HUDSON COMPANY WAS USING VACANT LOT TO GAIN ACCESS TO THE CURRENT CONSTRUCTION SITE AND IN THE PROCESS THEY RUPTURED A TANK. AN UNKOWN CONTRACTOR REMOVED THE TANK. THE CASE HAS GONE TO FELINE REVOLUS OF HPD – PHONE (212) 863–6404. UNABLE TO REACH FELINE.

SPILL IS ACTIVE UNDER SPILL # 97–07862 AND IS A PIN CLEANUP.

Map Identification Number 90 **233 HOWARD AVENUE** **Spill Number: 9401030** **Close Date: 04/22/1994**
 233 HOWARD AVENUE BROOKLYN, NY TT–Id: 520A–0046–114

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2184 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	Spiller Phone:
Notifier Type: Federal Government	Notifier Name:	Notifier Phone:
Caller Name: HOLLIS	Caller Agency: DEP	Caller Phone: (718) 595–6777
DEC Investigator: SMMARTIN	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/21/1994	04/22/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

FUEL OIL CO WASHED IT DOWN THE SEWER– THEY ARE STILL THERE. CALLED DEP–POST OFFICE # IS WRONG. DEP EN ROUTE DEP WILL CALL BACK WITH MORE INFORMATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 91 **SERVICE BOX #28718** **Spill Number: 0501479** **Close Date: 07/12/2005**
 755 MACON ST BROOKLYN, NY TT-Id: 520A-0044-914

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2198 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MARK PIROPATO	Notifier Phone: (212) 580-6763
Caller Name: MARK PIROPATO	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/05/2005		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 AT ON 60 GALLONS WATER. CON ED REF #158429

DEC Investigator Remarks:

e2mis no. 158429:

05-MAY-2005 0935HRS COSTANZO # 16245 UG REPORTS FOUND 1 QT UNKNOWN OIL ON 60 GALLONS WATER IN SB28718. NO SEWERS OR WATERWAYS AFFECTED. IT APPEARS TO BE CONTAINED TO STRUCTURE. TOOK SAMPLE ON A 4 TO 6 HOUR PRIORITY E TURNAROUND. CLEANUP PENDING RESULTS. PLACED ENVIROMENTAL STOP TAG # 41100. NO VISUAL WATER MOVEMENT.

Update - 5/5/05 - 1515hrs

Samples arrived at chemlab at this time in the wrong jars. Resampling needs to be done.

UPDATE***** 5-5-05 20:40HRS SECOND SAMPLE ARRIVED TO CHEM LAB WITHOUT A CHAIN OF CUSTODY NUMBERS. J. HENDRIX (SUPERVISOR) STATES THAT HE CAN NOT EXCEPT NEW SAMPLE WITHOUT IT. NEW SAMPLE WILL HAVE TO BE TAKEN. SAMPLE WILL BE RE- TAKEN AGAIN AND WILL CALL ENV DESK AT THAT TIME WITH SAMPLE UPDATE.

UPDATE 5-6-05 00:05HRS MR. PERROTTA (UG(REPORTS, TOOK NEW SAMPLE AND NEW CHAIN OF CUSTODY IS DD-00179. S. PACE 49874.

PCB Analysis by EPA 608/8082

N. DREVITCH – ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH SLIX. TAG # 41100 REMOVED. TJ – 50495

Closed. 7-12-05. George Breen

 Aroclor 1242 < 1.0 ppm EPA 608/8082
 Aroclor 1254 < 1.0 ppm EPA 608/8082
 Aroclor 1248 < 1.0 ppm EPA 608/8082
 Aroclor 1260 < 1.0 ppm EPA 608/8082

Map Identification Number 92 	SPILL NUMBER 9808332 229-233 MARION ST	BROOKLYN, NY	Spill Number: 9808332	Close Date: 05/30/2001 TT-Id: 520A-0044-199
MAP LOCATION INFORMATION Site location mapped by: PARCEL MAPPING (2) Approximate distance from property: 2223 feet to the WSW		ADDRESS CHANGE INFORMATION Revised street: NO CHANGE Revised zip code: NO CHANGE		
Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: UNKNOWN	Spiller Phone:		
Notifier Type: Other	Notifier Name: JAY KAPLAN	Notifier Phone: (914) 452-1658		
Caller Name: JAY KAPLAN	Caller Agency: ECO SYSTEMS STRATEGIES	Caller Phone: (914) 452-1658		
DEC Investigator: MXTIPPLE	Contact for more spill info: JAY KAPLAN	Contact Person Phone: (914) 452-1658		

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/03/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER FOUND SOIL CONTAMINATION DURING A TANK REMOVAL FROM A VACANT LOT – TANK WAS JUST CLOSED AND CALLER TO CONTACT THEIR CLIENT ABOUT CLEAN UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
01/26/01

Reassigned from O'Dowd to Tipple

Map Identification Number 93 **77 MACDOUGAL ST** **Spill Number: 9707862** **Close Date: 09/30/2008**
 77 MACDOUGAL ST BROOKLYN, NY TT-Id: 520A-0046-087

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2247 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 77 MAC DOUGAL ST
 Revised zip code: 11233

Source of Spill: UNKNOWN	Spiller: FELINE REVOLOUS – CITY OF NEW YORK(HPD)	Spiller Phone: (212) 863-6404
Notifier Type: Fire Department	Notifier Name:	Notifier Phone:
Caller Name: MR SCAUSO	Caller Agency: NYC FIRE HAZMAT	Caller Phone: (917) 769-0483
DEC Investigator: SRPAIGE	Contact for more spill info: MR SCAUSO	Contact Person Phone: (718) 476-6288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/03/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

VACANT LOT DEMOLITION REVEALED AN 1000 GALLON TANK WHICH WAS
PULLED-SPILL WHEN PULLING TANK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"

11/14/97 mmm: HUDSON COMPANY WORKING ON THE SARATOGA STREET URBAN RENEWAL PROJECT WAS UTILIZING THE VACANT HPD LOT AS ACCESS TO SARATOGA STREET CONSTRUCTION. THE LOT IS OWNED BY HPD, AND NO ACCESS PERMISSION WAS GRANTED. HUDSON COMPANY ALLEGEDLY RUPTURED THE TANK WHEN THEY WERE MOVING HEAVY EQUIPMENT AND SOIL AROUND THE LOT, CAUSING RELEASE. DEC INVESTIGATION REVEALED HPD TO OWN PROPERTY AND HPD, FELINE REVOULOS WAS SUPPOSED TO BE WORKING WITH THE HUDSON COMPANY TO RECTIFY THE SITUATION. THE SPILL WAS ALSO INVESTIGATED UNDER DEC SPILL # 97-08059 WHICH WAS CLOSED AND REFERED TO THIS ACTIVE SPILL NUMBER.

5/10/04 – AUSTIN – TRANSFERRED FROM TOMASELO TO TIPPLE – END

8/23/05 – Raphael Ketani. Case transferred to Jeff Vought.

07/25/08–Vought–Spill reassigned from DEC Vought to DEC Ketani as per DEC Austin.

9/30/08 – S. Paige conducted Technical Review of project file.

An abandoned 1000 gallon UST that had been resting on ground surface for many years was punctured during construction activities.

C. Tomasello (DEC) called out Winston Contracting Corporation on 10/3/1997 to clean up the surface spill. Winston Contracting cleaned and removed the abandoned tank and excavated three (3) tons of contaminated soil.

The Attorney General's Office (OAG) sent demand letters in August and December of 2001 to potential responsible parties (City of New York (HPD), Monadnock Construction, Inc. and P. Guppy & A.H. Mercede). The costs expended by the Spill Fund were recovered and the case was closed by OAG on 3/6/2002.

A search of the spills database showed that there are no open spills in close proximity to this site as of 10/8/08.

Given readily available documentation, the completed cleanup activities and the closed cost recovery case, no further action is required at this time.

Map Identification Number 94 **CAR LEAK** **Spill Number: 0407975** **Close Date: 10/20/2004**
 615 MACDOUGH ST BROOKLYN, NY TT-Id: 520A-0044-196

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2254 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 615 MAC DONOUGH ST
 Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone: (311) -
 Caller Name: AZALIA MADDOX Caller Agency: NYC DEP Caller Phone: (212) 689-1520
 DEC Investigator: CESAWYER Contact for more spill info: WILLIAM Contact Person Phone: (718) 443-3621

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/18/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:
 Late model Cadillac (Burgundy) leaking gasoline in front of the location above.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 95 **MULTI FAMILY** **Spill Number: 0913454** **Close Date: 12/09/2011**
 1115 HERKIMER ST BROOKLYN, NY TT-Id: 520A-0248-336

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2263 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: PERNON DUNSTON – UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: vszhune	Contact for more spill info: PERNON DUNSTON	Contact Person Phone: (516) 315-3197

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/21/2010		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

Caller reporting a spill of unknown quantities of an unknown oil (he believes regular household heating oil) to basement floor. Caller states Petro is on scene to do clean up.

DEC Investigator Remarks:

03/21/10– Zhune spoke to Pernon Dunston Owner 516-315-3197. He could not give much information out of town. Spoke to Petro. Said they have a AST 275 gallons. The fill line was leaking. Fill line was replaced. Fill line is underground on concrete cemented. Approximately 5 gallons on concrete. Petro put speedy-dry. Owner has to remove it. No vapors in the house. Only little in the basement.

12/09/11– Zhune visited the site. The owner converted the heating system to gas. As per owner a contractor removed the above ground fill line and no contamination was found. Spill closed

Map Identification Number 96	VAULT # 3800	Spill Number: 0506914	Close Date: 10/26/2005
	HERKIMER ST NEAR SARATOGA AVE	BROOKLYN, NY	TT-Id: 520A-0042-742

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2301 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: HERKIMER ST / SARATOGA AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: ERT DESK – CON EDISON	Spiller Phone: (212) 580–8383
Notifier Type: Responsible Party	Notifier Name: TOM MARCINEK	Notifier Phone: (212) 580–6763
Caller Name: TOM MARCINEK	Caller Agency: CON EDISON	Caller Phone: (212) 580–6763
DEC Investigator: GDBREEN	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580–8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/06/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

COMING OFF 24 HOUR CLOCK: NEED TO DEENERGIZE UNIT: CONED # 160901

DEC Investigator Remarks:

160901. 06-SEP-2005 1955HRS. DISTRIBUTION "A" MECHANIC CRAIG MURDAUGH, EMPLOYEE NO 18627. WHILE ON LOCATION TO PERFORM NWP WORK, ON ACCT NO. C3482, IN VS3800, LOCATED ON THE N/S OF HERKIMER ST, 236' E/O SARATOGA AVENUE, REPORTS FINDING APPX 10 OZ OF DIELECTRIC FLUID ON SOIL IN THE STRUCTURE. NO FIRE OR SMOKE INVOLVED, NO INJURIES RELATED TO THE SPILL, NO SEWERS, WATERWAYS OR PRIVATE PROPERTY AFFECTED. SPILL APPEARS TO BE CONTAINED TO THE STRUCTURE. MR. MURDAUGH REPORTS THE SPILL APPEARS TO BE LEAKING FROM THE THROAT OF THE UNIT ONTO THE NEUTRAL, INTO THE STRUCTURE. THERE IS NO WATER, NOR CAN HE VERIFY THE EXISTENCE OF ANY SEWER CONNECTIONS OR SUMPS IN THE STRUCTURE AT THIS TIME. A SOIL SAMPLE WAS TAKEN, AND ENVIRONMENTAL STOP TAG NO. 45439 WAS PLACED IN THE STRUCTURE. THIS SAMPLE WILL BE TRANSPORTED TO ASTORIA LAB FOR ANALYSIS BY SUPV. BRENSEKE, ON CC NO. EE20979. UNIT IS SLATED TO BE TAKEN OFF-CATEGORY 2, AT WHICH TIME THEY WILL SAMPLE THE UNIT. SUPV. BRENSEKE WILL KEEP THIS DESK INFORMED OF FURTHER PROGRESS.

UPDATE 06-SEP-2005 2010HRS. Lab Seq Serial Number No E450611 11/29/2004 11/30/2004 11/30/2004 5 04-09910-006. Analysis indicates the presence of a substance similar to a dielectric fluid.

UPDATE 07-SEP-2005 12:26 HRS. LSN-05-09344-001 MATRIX : OIL GRAB. 1 PPM

UPDATE: 9/7/05 – 1320. AS PER R. COSENTINO OF E,H & S, WE ARE NOT TO USE THE RESULTS POSTED ABOVE TO CLEAN THIS STRUCTURE. A LIQUID SAMPLE MUST BE TAKEN FROM THE UNIT. TJ – 50495

UPDATE: 9/7/05 – 1400. AS PER SHIFT MANAGER KEN SUDOL, FDR 3B96 (WHICH THIS UNIT IS ON) WILL NOT BE TAKEN OFF IN THE NEAR FUTURE TO SAMPLE & REPLACE THIS UNIT. THIS INCIDENT, THEREFORE, IS NOW OFF THE 72 HR CLOCK. TJ – 50495

UPDATE: 9/7/05 – 1410. AS PER CONVERSATION BTWN DENNIS HEARNS – OGS – ENV. OPS, & SEAN MCKEEVER – O.S. – BQE, A SAMPLE WILL BE TAKEN FROM THE UNIT WHEN THE FDR IS TAKEN OFF THE SYSTEM. THERE IS NO MAGNETIC OIL GAUGE ON THE UNIT. TJ – 50495.

Closed. 10–26–05. see eDocs. GB

Map Identification Number 97 **VAULT VS 3704** **Spill Number: 0410920** **Close Date: 06/03/2005**
 SARTOGA AVE AND HERKIMER BROOKLYN, NY TT-Id: 520A–0042–731

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2301 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: SARATOGA AVE / HERKIMER ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: ERT DESK – VAULT VS 3704 Spiller Phone: (212) 580–8383
 Notifier Type: Responsible Party Notifier Name: PAUL DINONATO Notifier Phone: (212) 580–6764
 Caller Name: PAUL DINONATO Caller Agency: CON ED Caller Phone: (212) 580–6764
 DEC Investigator: SKARAKHA Contact for more spill info: ERT DESK Contact Person Phone: (212) 580–8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/06/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRANSFORMER IS CONTAINED. LAB RESULTS PENDING CLEAN UP.

DEC Investigator Remarks:

e2mis 156795

1/6/05 – 1505

A. DELEON – 15756 – BQE, REPORTS FINDING APPROX 5 GALS OF DIEL FLUID MIXED WITH APPROX 4 " OF SOIL ON THE CONCRETE FLOOR OF VS3704 (3B83). UNIT IS BELOW MIN. HISTORICAL PCB COUNT IS 1 PPM DTD 7/20/01. TRANSFORMER HAS BEEN CONDEMNED. SPILL IS CONTAINED.

NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. NO SEWER CONNECTIONS. CANNOT VERIFY THE EXISTENCE OF ANY SUMPS. TAG # 45361 PLACED IN STRUCTURE. PCB SAMPLE TAKEN. CLEANUP PENDING LAB RESULT AND FDR OUTAGE.

UPDATE 06--JAN--2005 1900 HRS

CHEM LAB TECHNICIAN SANTOS CONTACTED THE C/C. HE CAN EXTRACT AN OIL SAMPLE FROM THE SOIL, HOWEVER, THERE WILL BE A SMALL AMOUNT OF ADDED TIME TO DO SO. E. VESCE, ENVIRONMENTAL OPS SUPV. WAS NOTIFIED.

UPDATE 06--JAN--2005

BROOKLYN EQUIP GROUP SUPV THERESA HAERING REPORTS. UNIT DEENERGIZED, FAILED PRESSURE TEST. UNIT DIPPED, APPX 5-8 GALS BELOW MIN. REQUESTING TANKER FOR AM DRAINING OF THE UNIT.PENDING TEST RESULTS. SHE HAS ALSO NOTIFIED SHIFT MANAGER B. FRIER.

Lab Sequence Number: 05-00158-001 TOTAL PCB 15 ppm

1/07/2005 19:35 --- R. VEGA OF BROOKLYN ENV OPS REPORTS THAT HE & D. CARSON DOUBLE WASHED STRUCTURE WITH BIOGEN 760. SUMP WAS FOUND ALREADY CEMENTED. ENV STOP TAG REMAINS IN PLACE PENDING TRANSFORMER REMOVAL AND FINAL CLEANUP.

1/07/2005 23:05 HRS. --- G. HICKEY #06547, SPLICER WITH EQUIPMENT GROUP, REPORTS TANKER REMOVED APPROX. 270 GAL. OF OIL FROM THE TRANSFORMER. PLATE ON TRANSFORMER INDICATES OIL CAPACITY IS 370 GAL, THEREFORE APPROX. 100 GAL. OF OIL IS "UNACCOUNTED FOR".

23:13 HRS. --- NOTIFIED BROOKLYN ENV OPS O/S B. BAMONTE WHO REPORTS ENV OPS CREW HAS COMPLETED INITIAL CLEANUP AND THERE IS NOTHING MORE THEY CAN DO UNTIL THE TRANSFORMER IS REMOVED.

23:18 HRS. --- DID NOT NOTIFY BROOKLYN/QUEENS EH&S SINCE AS OF 8/23/04 THEY NO LONGER RESPOND TO SPILLS OVER 10 GAL IN UNDERGROUND STRUCTURES UNLESS NOT CONTAINED, SEWERS/WATERWAYS AFFECTED, OR FIRE INVOLVED (AS PER EMAIL FROM EH&S MANAGER K. BAROUCH).

23:26 HRS. --- NOTIFIED R. ELLIOT OF C.I.G. (DUE TO ORIGINAL SPILL AMOUNT REPORTED AS 5 GAL OIL AND NOW HAVING AN ADDITIONAL 95 GAL OIL "UNACCOUNTED FOR").

23:33 HRS. --- AS PER M. EVERS OF E.R.T., THIS LOCATION DOES NOT NEED TO BE MANNED AND C.I.G. WILL LET AGENCIES KNOW THE TRANSFORMER WAS DRAINED, THE STRUCTURE WAS DOUBLE-WASHED, THE SUMP WAS FOUND CEMENTED, AND FINAL CLEANUP TO BE DONE AFTER TRANSFORMER IS REMOVED..

1/08/2005 00:55 HRS. --- RECEIVED CALL FROM ERT M.EVERS WHO REPORTS THAT K.LEITCH OF N.Y.C. D.E.P. WAS ON LOCATION AND ASKED WHEN TRANSFORMER WILL BE REMOVED. AS PER FEEDER CONTROL REP. C.MONTANA, TRANSFORMER IS SCHEDULED TO BE REMOVED ON MONDAY 1/10/2005. I NOTIFIED M.EVERS AND SHE REPORTED THAT ERT WOULD NOT BE RESPONDING TO LOCATION

1/17/05 1530HRS S.RAFT ENVIR OPPD REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIO-GEN 760 .FOUND SUMP SEALED .REMOVED ENVIR TAG#45361.
NETWORKS REMOVED TRANSFOMER.

Map Identification Number 98 **MANHOLE 2386** **Spill Number: 0501596** **Close Date: 07/19/2005**
 CENTRAL AVE/WEIERFIELD BROOKLYN, NY TT-Id: 520A-0051-134

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2306 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: CENTRAL AVE / WEIRFIELD ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller:
 Notifier Type: Responsible Party Notifier Name: TOJIERA,MR Spiller Phone:
 Caller Name: PAUL DINONATO Caller Agency: CON ED Notifier Phone: (212) 580-6763
 DEC Investigator: GDBREEN Contact for more spill info: ERT DESK Caller Phone: (212) 580-6764
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/09/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 QT OF UNKNOWN OIL ON 1500 GALLONS OF WATER. NO TO ALL 5 QUESTIONS. CON ED REF #158464.

DEC Investigator Remarks:

158464. 5/9/2005 08:45 HRS V. BOWDEN #85588 U/G REPORTS FINDING APPROX 1 PT OF UNKNOWN OIL ON APPROX 1500 GAL OF WATER IN M2386. THIS WAS FOUND WHILE DOING SECONDARY WORK ON ACCT#20090. THERE WAS NO SMOKE, FIRE, OR INJURIES RELATED TO THE SPILL, NOR WERE ANY SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE AND CAUSE OF THE SPILL IS UNKNOWN. THE EXISTENCE OF ANY SEWER CONNECTIONS, SUMPS, OR DRAINS COULD NOT BE VERIFIED AT THIS TIME. THE STANDING WATER HAD NO MOVEMENT. ENV STOP TAG#35241 WAS PLACED AND ONE LIQUID SAMPLE TAKEN ON "E" PRIORITY FOR PCB ANALYSIS ON CHAIN OF CUSTODY #EE04414. CLEANUP PENDING LAB RESULTS. STRUCTURE IS ON CORNER.

=====J ANDERSON=====
 LAB RESULT RECEIVED 5/9/05 - 2035. 05-04272. <1.0 PPM. TJ - 50495

UPDATE: 5/10/05 - 0435. DUE TO THE AMOUNT OF WORK WE HAD ON THIS SHIFT AND THE SHORTAGE OF CREWS TO WORK THEM, WE ARE UNABLE TO COMPLETE THIS INCIDENT WITHIN THE 24 HR TIME FRAME. THIS INCIDENT, THERFORE, IS NOW OFF THE 24 HR CLOCK. TJ - 50495

=====
 CIG DIDONATO NOTIFIED AT 0444 HRS. TJ - 50495

UPDATE – 5/10/05 – 2045 HRS. F. SCOTT ENV. OPS MECH REPORTS DOUBLE WASHED WITH BIOGEN 760 AND A-1 HYDRO. NO SUMPS FOUND IN STRUCTURE. NO LEAKING CO. EQUIPMENT FOUND. REMD ENV. STOP TAG # 35241. CLEAN UP COMPLETED 100%. CN#19661

Closed. 7-19-05. George Breen

Map Identification Number 99 **MANHOLE 2386** **Spill Number: 0004587** **Close Date: 10/19/2001**
 WEIRFIELD ST/CENTRAL AVE BROOKLYN, NY TT-Id: 520A-0038-704

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2306 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN – UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MR WAINWRIGHT Notifier Phone: (212) 580-6763
 Caller Name: BILL MURPHY Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: CALLER Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/17/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller reporting aspill of material from unk source coned#132418 samples taken clean up pending lab results no callback necessary a sheen of oil

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis Notes:

7/17/00 Reports that while on location to replace service, found an undiaperable sheen of unknown oil on 1300gal water. Liquid sample taken returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 100 **MANHOLE #2361** **Spill Number: 0008001** **Close Date: 12/14/2001**
 CONELIA ST & EVERGREEN AVE BROOKLYN, NY TT-Id: 520A-0051-135

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2315 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: CORNELIA ST / EVERGREEN AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN – UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: MS NEVILLE Notifier Phone: (212) 580-6763
 Caller Name: BRIAN JOYCE Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: KMFOLEY Contact for more spill info: BRIAN JOYCE Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

3 ON 20 GALS OF WATER – SAMPLE TAKEN – CLEAN UP PENDING LAB RESULTS

CON ED #133832

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #133832 Notes:

10-7-00 3qts unknown oil on 20gal water in manhole. PCB sample taken. No oil filled equipment in structure.

10-11-00 Sample returned <1ppm PCBs.

11-16-00 Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking company equipment.

Map Identification Number 101 **MANHOLE # 2361** **Spill Number: 0007334** **Close Date: 11/28/2001**
 EVERGREEN AV/CORNELOUS ST BROOKLYN, NY TT-Id: 520A-0044-915

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2315 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: EVERGREEN AV / CORNELIA ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR DONATONE	Notifier Phone:
Caller Name: ANTHONY NATALE	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: ANTHONY NATALE	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/22/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

AMOUNT REPORTED AS 1 PINT ON TOP OF 100 GALLONS OF WATER. SAMPLE HAS BEEN TAKEN AND CLEANUP IS PENDING LAB RESULTS. CON ED 133538.
 NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #133538 Notes:

9-21-00 1 pint unknown oil on 100gal water in manhole. Sample returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 102 **MUTIPLE DWELLING** **Spill Number: 0810729** **Close Date: 12/26/2008**
 2224 FULTON STREET BROOKLYN, NY TT-Id: 520A-0223-914

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2341 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: SFRAHMAN

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: NO CONTACT

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/25/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Has been cleaned up/by NYFD Hazmat.

DEC Investigator Remarks:

12/26/08 minor spill,FD cleaned it up.(sr)

Map Identification Number 103 **PRIVATE RESIDENCE**
 1095 HERKIMER ST

BROOKLYN, NY

Spill Number: 9700115

Close Date: 04/17/2003
 TT-Id: 520A-0046-103

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2346 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Affected Persons
 Caller Name: DENISE ROBERTS
 DEC Investigator: MCTIBBE

Spiller: DENISE ROBERTS – PRIVATE RESIDENCE
 Notifier Name: DENISE ROBERTS
 Caller Agency: HOMEOWNER
 Contact for more spill info: DENISE ROBERTS

Spiller Phone: (718) 771-2251
 Notifier Phone: (718) 771-2251
 Caller Phone: (718) 771-2251
 Contact Person Phone: (718) 771-2251

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/02/1997		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT BLDG NEXT TO THEM IS VACANT AND UP FOR AUCTION
 OIL BURNER LEAKING CAUSING SPILL ONTO BASEMENT FLOOR–THE FUMES
 ARE STRONG AND CALLER HAS SMALL CHILDREN–SHE WOULD LIKE A CALL
 BACK FROM A DEC REP*****

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 REFER TO 9311226 & SP93511.

Map Identification Number 104 **VS 4630** **Spill Number: 0413211** **Close Date: 06/22/2005**
 **HOWARD AV & PUTNAM AV** **BROOKLYN, NY** **TT-Id: 520A-0039-237**

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2397 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: HOWARD AV / PUTNAM AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: MR. HOGAN Notifier Phone: (212) 580-8383
 Caller Name: MARK SCHLEGEL Caller Agency: CONED Caller Phone: (212) 580-8383
 DEC Investigator: GDBREEN Contact for more spill info: ERT DESK Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/18/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

10 oz. unknown oil - on dirt.
 Cleanup pending crew availability.

Lab results = 4ppm
 Found an earthen sump
 Ref. 157684

DEC Investigator Remarks:

e2mis no. 157684:

3/18/05 - 1045 S. ROJAS - 88456 - O.S. - U.G., WHILE CUTTING TRANSF ADRIFT IN VS4630 (FDR 5B31) REPORTS FINDING APPROX 10 OZ OF AN UNKNOWN OIL MIXED WITH SOIL ON TOP OF THE TRANSFORMER & ALONG THE SIDES OF THE TRANSFORMER. THERE IS A BQE CREW ON LOCATION THAT WILL PRESSURE TEST THE TRANSFORMER. THE HISTORICAL PCB COUNT OF THIS UNIT IS 3 PPM DTD 12/17/04. PCB SAMPLE TAKEN. CLEANUP PENDING LAB RESULT.

UPDATE: 3/18/05 - 1235 T. HAERING - O.S. - BQE, REPORTS UNIT PRESSURE TESTED AND HELD PRESSURE.

UPDATE: 3/18/05 – 1530 G. PALLADINO – O.S. – ENV. OPS., REPORTS PCB SAMPLE TAKEN FROM TRANSFORMER. CHAIN OF CUSTODY FORM # DD03171 FILLED OUT AND MARKED 'E' PRIORITY.

UPDATE 18–MAR–2005 20:05 HRS.
LSN–05–02493–001 MATRIX : OIL GRAB
57 PPM

UPDATE 18–MAR–2005 21:06 HRS.
RECIVIED EPA# NYP–004129672.

3/18/2005 22:28 HRS. --- LAB SEQ # 05–02504–001, PCB RESULTS FROM TRANSFORMER: 4 PPM.
(PRIOR RESULTS OF 57 PPM APPEAR TO BE A SAMPLE FROM THE VAULT).

UPDATE 19–MAR–2005 02:22 HRS.
ENVIR. OPER MECH–A K.HUFFORD EMP# 74294 REPORTS: DUE TO DISCOVERY OF A EARTHEN SUMP INCIDENT# 157684 WILL NOT BE MEETING THE 24hr
CLOCK

UPDATE 19–MAR–2005 03:40 HRS.
ENVIR. OPER. MECH–A K.HUFFORD EMP# 74294 REPORTS: ASTORIA > 50 TANKER REMOVED 80 GALS OF LIQUID FROM STRUCTURE. CREW THEN DBL
WASHED STRUCTURE WILL BULLDOG. TWO BARRELS OF DEBRIS, PPE & ZONE MATERIAL (NO LEAD) WAS GENERATED AND TRANSPORTED TO 3RD AVE YARD
UNDER THE ONE TRIP RULE. ENVIR. TAG # 44843 WILL REMAIN IN PLACE PENDING UNIT REMOVAL. EARTHEN SUMP REPORTED EARLIER WAS SEALED.

SUMP RESULTS RECEIVED 3/19/05 – 1715. 05–02513. BOTH RESULTS ARE <1.0 PPM.

UPDATE 20–MAR–2005 21:05 HRS.
ENVIR. OPER. O.S. B.BROWN EMP# 00423 REPORTS: ALL–STATE POWER VAC. PERFORMED CLEANUP. DBL. WASHED STRUCTURE WITH 10GAL OF CITRUS
CLEAN. ASTORIA TANKER REMOVED 100 GALS OF LIQUID FROM STRUCTURE. 5 DRUMS OF SOLID DEBRIS PPE & ZONE MATERIAL GENERATED AND
TRANSPORTED TO ASTORIA FOR DISPOSAL. SUMP PREVIOUSLY SEALED. TAG# 44843 REMOVED. CLEANUP COMPLETE 100%.

UPDATE 3/21/05 0400 HRS PER FDR REP C. MONTANA THE UNIT HAS BEEN REPLACED

Map Identification Number 105



MANHOLE 30529

205 MOFFAT ST

BROOKLYN, NY

Spill Number: 0001970

Close Date: 09/24/2001

TT–Id: 520A–0046–674

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2407 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: BRIAN JOYCE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/16/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 qt on 30 gallons. con ed # 131431, samples.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131431 Notes:

5-16-00 1qt unknown oil on 30gal water in manhole. PCB sample returned <1ppm. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 106 **BASEMENT**
 371 BAINBRIDGE ST

BROOKLYN, NY

Spill Number: 0612263

Close Date: 06/09/2008
 TT-Id: 520A-0047-967

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2411 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Citizen Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SFRAHMAN Contact for more spill info: EVETTE MODOO Contact Person Phone: (718) 443-5765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/07/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS SPILL ONTO FLOOR NEXT TO THE FURNACE. HOMEOWNER ATTEMPTED TO CLEAN UP. UNK HOW MUCH? UPDATE FROM VINCENT BOVE WITH VANDERBILT OIL COMPANY CALLED TO STATE A SPILL OF APPROX 1 GALLON ONTO CONCRETE. CALL BACK 917-416-2438. 02/08/07@00:47.

DEC Investigator Remarks:

Fill line corroded, Vanderbilt oil going to replace the fill line. Contact person, Vinny @ (917)842-9826.
 02/26/07 Inspected the tank and spill location 02/21/07. A letter went to Modoo, Adrian N
 371 Bainbridge St
 Brooklyn NY 11233-2315

06/09/08 Kumar Patel inspected the house today on my request, as he was in the neighborhood. As per Kumar, there was no olfactory/visual evidence of spill in the house and the vent line which had a hole/crack before has been fixed. As per Kumar, there is no odor/smell of petroleum in the tank room and spill can be closed.(sr)

Map Identification Number 107

SERVICE BOX 20476

1167 HALSEY ST

BROOKLYN, NY

Spill Number: 9811536

Close Date: 02/19/2003

TT-Id: 520A-0046-675

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2472 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR PACE	Notifier Phone:
Caller Name: MIKE CESARE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/14/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

FOUND 2 OZ UNKNOWN PETRO FLOATING ON 25GALS OF WATER. SAMPLE TAKEN TEST BEING DONE. CON ED 121939

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT" E2MIS 121939

B.LUCEY #18161 OS I&A SERVICES REPORTS WHILE DOING A HOUSE SERVICE FOUND IN SB20476 APPROX 2 OUNCES OF AN UNKNOWN OIL ON 25 GALLONS OF WATER. CONTAINED TO STRUCTURE, NO SEWERS OR WATERWAYS AFFECTED, LIQUID SAMPLE TAKEN WITH A 4-6 HR TURN AROUND, STOP TAG #12461 PLACED. #12255 VDC. UPDATE***** CIG WAS NOTIFIED AT 13:13HRS, AFTER B.DONOVAN CALLED S. PACE AND ASKED IF CIG WAS NOTIFIED. WHEN CIG WAS ASKED, THEY VARIFIED THAT IT WAS NOT. AT THAT TIME S.PACE TURNED IT IN. S.PACE 49874.000

UPDATE***** 12-14-98 LAB SEQ# 98-13879-001 FLASHPOINT >161 DEG.F. & LAB SEQ# 98-13876 <1.0.

N.P. 0700 TO 1900. MON., WED., & FRI. TJ - 50495

UPDATE: 1/11/99 - 1030

A. WALKER – 55495 – ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH SLIX AND TAG #12461 REMOVED. INCIDENT IS CLOSED.

Detailed Description:

Map Identification Number 108	PS # 040		Spill Number: 0607553	Close Date: 02/07/2007
	265 RALPH AVE	BROOKLYN, NY		TT-Id: 520A-0038-225
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (3)		Revised street: NO CHANGE		
Approximate distance from property: 2518 feet to the WSW		Revised zip code: NO CHANGE		
Source of Spill: COMMERCIAL/INDUSTRIAL		Spiller: MUNENDRA SHARMA – PS # 040	Spiller Phone: (718) 349-5738	
Notifier Type: Local Agency		Notifier Name:	Notifier Phone:	
Caller Name:		Caller Agency:	Caller Phone:	
DEC Investigator: rmpiper		Contact for more spill info: MUNENDRA SHARMA	Contact Person Phone: (718) 349-5738	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/03/2006		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	2000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SPILL IS CONTAINED IN VAULT: OCCURED DURING TRNFERRING OF MATERIAL FROM ONE TANK TO THE OTHER: CLEAN UP IN PROGRESS;

DEC Investigator Remarks:

DEC Piper spoke w/ Jim Merlo, DEPT of ED , Fuel Div., aS per conervation, during a transfer of oil from one tank to another, stick cap was left off and resulted in overfill of tank in approx of 2K gallons. Spill was discovered next morning. PTC on site to pump vault of oil. Vault seems to be static indicating no loss to subsurface. PTC to contact DEPT with update. 2/6/07- DECP iper received documentation of cleanup from James MERlo. CLoSed. See e-docs if warranted.

Map Identification Number 109 **MH 559S** **Spill Number: 0206206** **Close Date: 09/16/2002**
 **ROCKAWAY AV/ATLANTIC AVE** **BROOKLYN, NY** **TT-Id: 520A-0039-017**

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2531 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
 Notifier Type: Other Notifier Name: JOSEPHINE BROWN Notifier Phone: (718) 243-4581
 Caller Name: JOSEPHINE BROWN Caller Agency: NYC TRANSIT Caller Phone: (718) 243-4581
 DEC Investigator: MCTIBBE Contact for more spill info: JOSEPHINE BROWN Contact Person Phone: (718) 243-4581

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/16/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:
 req callback asap

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" refer to 00-11026 & SP01691.

Map Identification Number 110 **556 EVERGREEN AVE** **Spill Number: 9601214** **Close Date: 04/24/1996**
 **556 EVERGREEN AVE** **BROOKLYN, NY** **TT-Id: 520A-0041-822**

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2551 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Local Agency
 Caller Name: KIM HANNA
 DEC Investigator: O'DOWD

Spiller: UNKNOWN – UNKNOWN
 Notifier Name: FIRE DEPT
 Caller Agency: NYC DEP
 Contact for more spill info: MR LAROCCHIA

Spiller Phone:
 Notifier Phone: (000) 000-0000
 Caller Phone: (718) 595-4784
 Contact Person Phone: (917) 769-0483

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/24/1996		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FIRE DEPT ON THE SCENE GAS IS IN THE BASEMENT OF A BUILDING CALL FD# 4X- BUSY NO ANS AT DEP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 111 **SB #53417** **Spill Number: 0001472** **Close Date: 09/21/2001**
 32A WOODBINE ST BROOKLYN, NY TT-Id: 520A-0044-200

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2566 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: MARK SCHLAGEL
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR DONATON
 Caller Agency: CON EDISON
 Contact for more spill info: MARK SCHLAGEL

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/05/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PINT OF ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. SAMPLE TAKEN AND CLEANUP IS PENDING LAB RESULTS. CON ED # 131231.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #131231 Notes:

5-5-00 1pint unknown oil on 130gal water in service box. Sample taken returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 112

MANHOLE 4262
BROADWAY + CONWAY STREET

BROOKLYN, NY

Spill Number: 0105544

Close Date: 07/31/2003
TT-Id: 520A-0037-289

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2627 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: BROADWAY / CONWAY STREET
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: RICHARD ROACH
DEC Investigator: AERODRIG

Spiller: UNKNOWN
Notifier Name: SAME
Caller Agency: CON EDISON
Contact for more spill info: RICHARD ROACH

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
08/21/2001		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER		OTHER	1.00	GALLONS	0.00	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information							
OTHER PETROLEUM		UNKNOWN	1.00	GALLONS	0.00	GALLONS	

Caller Remarks:

they have a 3 ounce spill sitting on top of 400 gallons of water.

no smoke fire or waterways affected.

con ed 139057

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis 139057

M. COATES # 06603 OS SERV BUR REPORTS WHILE GOING TO A EMERG "B" TIC (21) HE FOUND IN MH4262 SEC BROADWAY & CONWAY ST APPROX 3 OZ OF UNKNOWN OIL ON 400 GALLONS WATER. UPON ARRIVAL TO LOCATION HE FOUND NO SIGNS OF SMOKE OR FIRE. NO PRIVATE PROPERTY AFFECTED. THERE WAS NO FIRE DEPT OR POLICE DEPT ON LOCATION. HE DOES NOT SEE A SUMP OR SEWER CONNECTION. THERE WAS NO SUBSTANTIAL CRACKS ON WALLS OF STRUCTURE. LIQUID SEEMS CONTAINED , NO SEWERS OR WATERWAYS AFFECTED. HE DOES NOT SEE A JOINT REGULATOR IN STRUCTURE. ONLY OIL FILLED EQUIPMENT IN STRUCTURE IS 3C CABLE. HE TOOK A LIQUID SAMPLE AND REQUESTED A EMERG PRIORITY FOR PCB SAMPLE RESULTS. CLEANUP PENDING SAMPLE RESULTS (THIS OIL JOB IS NOT ON A FDR.) CHAIN OF CUSTODY # AA28077. HE PLACED E.S.TAG # 07652. THERE WAS NO PARK SIGNS IN AREA. CIG S. ROMERO NOTIFIED 2014 HRS LAZ # 04425

UPDATE - 22-AUG-2001 03:46 HRS. LSN# 01-08423 , SAMPLE TYPE: OIL, AROCLOR: 1260,
RESULT: < 1. PPM.

UPDATE 8-22-01 1500 HRS C. LUGO MECH "A" FLUSH DEPT REPORTS HE COULD NOT COMPLETE CLEANUP DUE TO "D" FAULT (HOLE IN POLY JOINT) AS PER K. NEWLAND OS SERV BUR. D- FAULT COULD NOT BE REPAIRS WHILE FDR IS IN SERV. WILL HAVE TO WAIT UNTILL FDR COME OFF. THIS WILL BE TAKEN OFF THE 24 HRS DEMINIMIS PROGRAM. NOTIFIED R. ROACH CIG 1510 HRS LAZ # 04425
 UPDATE***** 10-18-01 16:00HRS J. LIPORI (ENV OPS) REPORTS, # 9 REPAIRED D-FAULT CONDITION, HE DOUBLE WASHED STRUCTURE WITH BULL DOG AND NO SUMP WAS FOUND. ALSO REMOVED TAG# 07652. JOB COMPLETED.

Map Identification Number 113 **SPILL NUMBER 0302444** **Spill Number: 0302444** **Close Date: 06/09/2003**
 598 WILSON AVE BROOKLYN, NY TT-Id: 520A-0046-681

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2628 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: CYMONE ANDERSON Caller Agency: CITIZEN Caller Phone: (718) 443-6838
 DEC Investigator: JMKRIMGO Contact for more spill info: CYMONE ANDERSON Contact Person Phone: (718) 443-6838

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/06/2003		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states that there is raw sewage backing into the house and into the shower.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"



CLOSED STATUS HAZARDOUS SPILLS – MISC. SPILL CAUSES – EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM AND STORMS – WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 114 **CARE FOR THE HOMELESS** **Spill Number: 1003211** **Close Date: 06/22/2010**
 1675 BROADWAY BROOKLYN, NY TT-Id: 520A-0252-650

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 159 feet to the N*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CARE FOR THE HOMELESS Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: smsanges Contact for more spill info: DARCIA BRYDEN CURIE Contact Person Phone: (917) 771-0426

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/22/2010		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MERCURY	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	
MERCURY	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Blood pressure machine lost unknown amount of mercury. No resources affected. Clean up unknown, caller needs advice.

DEC Investigator Remarks:

Sangesland spoke to both Mr Rinn and Darcia who works at the site. Mercury spill was very small drip to tile floor. Sangesland forwarded a copy of the EPA Mercury Cleanup page via e-mail

Map Identification Number 115 **DRUM RUN** **Spill Number: 1002698** **Close Date: 06/10/2010**
 25 ROCKAWAY AVE BROOKLYN, NY TT-Id: 520A-0252-646
 ON SIDEWALK

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 227 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: NYC HAZ MAT 1 – UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: HRAHMED Contact for more spill info: NYC HAZ MAT 1 Contact Person Phone: (347) 203-6886

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/09/2010		ABANDONED DRUM	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	110.00	GALLONS	0.00	GALLONS	

Caller Remarks:

2 drums were left on sidewalk. DEP also advised.

DEC Investigator Remarks:

will try to include in today's drum run (6/9/2010)

6/10/10-HRAHMED-Felney and Nicol pumped out two drums during DRUM RUN on 6/9/10. DEP and Sanitation were notified.

This case is closed.

Map Identification Number 116 **559 CHAUNCEY ST**
 559 CHAUNCEY ST

BROOKLYN, NY

Spill Number: 9112908

Close Date: 03/19/1992
 TT-Id: 520A-0041-151

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 246 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Responsible Party
 Caller Name: W URBAN
 DEC Investigator: O'DOWD

Spiller:
 Notifier Name:
 Caller Agency: BEARENKLAU
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 647-4200
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/19/1992	03/19/1992	EQUIPMENT FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 117 **598 BAINBRIDGE ST**
 598 BAINBRIDGE ST

BROOKLYN, NY

Spill Number: 9512828

Close Date: 01/16/1996
 TT-Id: 520A-0041-740

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 309 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: PETRO COMMANDER	Spiller Phone: (718) 545-4500
Notifier Type: Responsible Party	Notifier Name: KELVIN MCLEARY	Notifier Phone: (718) 452-1206
Caller Name: PETER BULLA	Caller Agency: PETRO COMMANDER	Caller Phone: (718) 545-4500
DEC Investigator: MCTIBBE	Contact for more spill info: MCLEARY RES	Contact Person Phone: (718) 452-1206

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/15/1996		TANK OVERFILL	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

driver overfilled tank there is a drain in the basement product
 may have leaked into it – licensed contractor on way to clean up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 BASEMENT WITH DRAIN BOOMED AND CLEANED TANK. CLEANED BY RP.

Map Identification Number 118	SPILL NUMBER 0011863	Spill Number: 0011863	Close Date: 10/27/2003
	30 COOPER ST	MANHATTAN, NY	TT-Id: 520A-0039-958

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 381 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CASTLE OIL	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: DRIVER	Notifier Phone:
Caller Name: MILLIE LOPEZ	Caller Agency: CASTLE OIL	Caller Phone: (718) 579-3413
DEC Investigator: TJDEMEO	Contact for more spill info: JIM CAREY	Contact Person Phone: (718) 579-3414

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/02/2001		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	5.00	GALLONS	5.00	GALLONS	SOIL

Caller Remarks:

problem w/ fill line in building.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 10/27/03 TJD

Minor spill. Fill box repaired. No report submitted. Spill administratively closed.

Map Identification Number 119 **539 CHAUNCEY STREET** **Spill Number: 9415088** **Close Date: 02/16/1995**
 539 CHAUNCEY STREET BROOKLYN, NY TT-Id: 520A-0041-563

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 385 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK	Spiller: WHALECO	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: MIKE SHAW	Caller Agency: WHALECO	Caller Phone: (718) 852-7000
DEC Investigator: SMMARTIN	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/16/1995	02/16/1995	HUMAN ERROR	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL

Caller Remarks:

TANK OVERFILL – SPILLED IN BASEMENT – SPILL CLEANED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 120 **539 CHAUNCEY STREET** **Spill Number: 9415076** **Close Date: 02/16/1995**
 539 CHAUNCEY STREET BROOKLYN, NY TT-Id: 520A-0041-562

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 385 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: SAME	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: PETER LEPORE	Caller Agency: WHALECO	Caller Phone: (718) 852-7000
DEC Investigator: SMMARTIN	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/16/1995	02/16/1995	HUMAN ERROR	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

RESIDENT OPENED TANK AS IT WAS BEING FILLED – ON BASEMENT CONCRETE FLOOR

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 121 **APT BLDG** **Spill Number: 0812815** **Close Date: 02/25/2009**
 38 COOPER ST BROOKLYN, NY TT-Id: 520A-0226-110

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 493 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: JOANNE SOTTELE – BLUE DIAMOND FUEL OIL Spiller Phone:
 Notifier Type: Other Notifier Name:
 Caller Name: Caller Agency: Notifier Phone:
 DEC Investigator: RMPIPER Contact for more spill info: JOANNE SOTTELE Contact Person Phone: (718) 965-0900

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/25/2009		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	

Caller Remarks:

CALLER STATES THAT DUE TO AN OVERFILL ABOUT 2 GALLONS SPILLED TO CONCRETE. CLEAN UP WAS DONE.

DEC Investigator Remarks:

DECPiper spoke wiht caller. Spill was outside only under vent. All cleaned. Spill closed.

Map Identification Number 122 **RESIDENCE AT**
 555 BAINBRIDGE STREET

BROOKLYN, NY

Spill Number: 9713636

Close Date: 03/10/1998
 TT-Id: 520A-0046-082

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 514 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Federal Government
 Caller Name: RICHARD CURRIE
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN
 Notifier Name: RICHARD CURRIE
 Caller Agency: US COAST GAURD
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 668-7920
 Caller Phone: (212) 668-7920
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/07/1998		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

FUEL CO CALLED NRC TO REPORT SPILL-NO FURTHER INFO AT THIS TIME.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 USCG SAID IT MAY HAVE GOTTEN INTO SEWERS-DEC WILL CHECK 3-10-98.

TRICARACO OIL WAS ORIGINALLY NAMED AS THE SPILLER. FRANK TRICARACO (718-221-0496) CLAIMS THAT THEY DID NOT CALL IN THIS SPILL BECAUSE THEY DID NOT HAVE A SPILL AND DID NOT EVEN DELIVER TO THIS ADDRESS. MOST OF THE OIL WENT DOWN THE SEWER DUE TO THE HEAVY RAINS. STREET WAS SANDED.

Map Identification Number 123 **STOLEN VAN**
 76 MOFFAT ST

BROOKLYN, NY **Spill Number: 0713341**

Close Date: 03/21/2008
 TT-Id: 520A-0215-880

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 1030 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Fire Department
 Caller Name:
 DEC Investigator: smsanges

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: DONALD ENG

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (646) 584-6483

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/17/2008		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	330.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NY ECB-6589 abandoned veh at location for 6 days. Has 6 55 gal drum of waste oil. nothing leaking at this time.

DEC Investigator Remarks:

Sangesland called the NYPD 83rd Pct. 718-574-1605 to check status of oil drums.
 (Auto theft contact at 83rd Pct is Mr. Lampkin)
 They will check and call back.
 Encon Police ran the plate:
 Vehicle - 1994 Blue Chevy AstroVan
 Owner: Mohammad Chowdhry, 39 Turner Pl #1B, Brooklyn, NY 11218

3/21/2008 Sangesland has made several calls to the 83rd Pct. and spoke to Mr Lampkin. He knows nothing about this vehicle and nothing about the oil in the drums inside this vehicle. If he finds out about the vehicle and needs help disposing of the oil, he will contact the DEC for assistance.
 No additional information - Spill Closed

Map Identification Number 124



DRUM RUN

976 JEFFERSON AVE
IFO CLOSED AUTO SHOP

BROOKLYN, NY

Spill Number: 1104918

Close Date: 08/08/2011

TT-Id: 520A-0265-992

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1718 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name:
DEC Investigator: HRAHMED

Spiller: DIANNA BROWN – UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: DIANNA BROWN

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (646) 265-2130

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/29/2011		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	

Caller Remarks:

4 Abandon drums of non flammable petroleum material.

DEC Investigator Remarks:

add to next drum run

08/08/11-HRAHMED-Four drums were found at this location during DRUM RUN on 08/04/11. Fenley & Nicol pumped out the waste oil from the partially filled drums. NYC DEP and Sanitation were notified.

This case is closed.

Map Identification Number 125 **765 MACON ST**
 765 MACON ST

Spill Number: 0810922 **Close Date: 05/05/2009**
 BROOKLYN, NY TT-Id: 520A-0223-918

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2111 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: EVERTIGHT TANK CO	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: SFRAHMAN	Contact for more spill info: TERRANCE WARNER	Contact Person Phone: (718) 455-5551

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/30/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	180.00	GALLONS	0.00	GALLONS	

Caller Remarks:

INTERIOR TANK, ABOVE GROUND FAILURE. CLEAN UP DONE. GENERATOR OF SPILL IS EVERTIGHT TANK COMPANY- NOT CALLER. THEY HAVE REPAIRED TANK 12/27, MADE DELIVERY TODAY AND FOUND TANK STILL LEAKING.

DEC Investigator Remarks:

12/31/08 Rec'd call from hotline around 8:30 pm on 12/30/08, called home owner @ (718)455-5551, no pick up. I responded to the site at around 09:30 pm on 12/30/08. The home owner indicated that he has a contract with Petro Oil for tank repair/service. As such Evertight Tank, on behalf of Petro Oil did repair of the tank few days ago and Petro made oil delivery on 12/30/08. Home owner found oil spill when returned home in the evening. Unknown quantity of oil spilled from the tank nozzle area. Crews emptied the tank and put speedi dry on the floor to absorb the oil. There are woods on the float that is oil soaked. I spoke with Joe from Evertight this morning and asked him to engage spill clean up experienced crews to do the clean up. I also asked him to take end point sample from the impacted area after removing all oil contaminated stuff and perform a PID survey in the basement/house for air quality reading. Joe indicated that he will hire Petroleum Tank Cleaners to do the work. Spill clean up letter was sent to

Terrence Warner
 765 Macon Street

Brooklyn, NY 11233-1313
&

Evertight Tank Lining
11 Lansing Street
Staten Island, NY 10305
Attn: Joe Ribertelli
(sr)

01/02/08 Rec'd call from Joe Ribertelli and Mark Salamic of PTC confirming that PTC has been hired to perform the additional clean up.PTC will make site visit today and work on removing oil soaked wood and check the floor concrete for cracks/holes and removal of contaminated debris.(sr)

05/05/09 Rec'd report from PTC who performed the clean up.Tank was repaired by Evertight.Floor was a concrete floor and had cracked on it.The loose contaminated debris was collected in 55 gallon drums for disposal.The floor was broken and removed and the soil beneath also collected into drums for disposal.PTC indicated that about the entire section of the basement required removal.Five end point samples were taken.All analytes were below detectable levels.Report in edocs.Case closed.(sr)

Map Identification Number 126

SPILL NUMBER 0105366
233 HOWARD AVENUE

BROOKLYN, NY

Spill Number: 0105366

Close Date: 09/28/2001
TT-Id: 520A-0046-113

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2184 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: WAIMAN WONG
DEC Investigator: TJDEMEO

Spiller: UNKNOWN
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info: WAIMAN WONG

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-4784
Contact Person Phone: (718) 595-4784

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/17/2001		ABANDONED DRUM	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	305.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

4 55 gal drums and 1 85 gal drum of waste oil on sidewalk – do not appear to be leaking

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 09/28/2001 – Drums were pumped out by Milro under State Pin # for drum removal. Empty drums were left on site for pick up by New York City Sanatation Department. wtc

Map Identification Number 127 **358 BAYBRIDGE ST** **Spill Number: 9514547** **Close Date: 12/31/1997**
 358 BAYBRIDGE ST BROOKLYN, NY TT-Id: 520A-0043-468

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2603 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 358 BAINBRIDGE ST
 Revised zip code: 11233

Source of Spill: PRIVATE DWELLING	Spiller: UNKNOWN – UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: BOB DECK	Notifier Phone: (718) 624-4842
Caller Name: BOB DECK	Caller Agency: PETROLEUM TANK CLEANERS	Caller Phone: (718) 624-4842
DEC Investigator: MMMULQUE	Contact for more spill info: MR BROWN	Contact Person Phone: (718) 919-2057

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/13/1996		VANDALISM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	250.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

vandals removed piping going to tank. 250 gals in basement

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

Map Identification Number 128 **183 RALPH AVE** **Spill Number: 8909471** **Close Date: 05/06/2008**
 183 RALPH AVE BROOKLYN, NY TT-Id: 520A-0044-176

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 2608 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 183 RALPH AVE.
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: ALMAR FUEL OIL	Spiller Phone: (212) 438-6676
Notifier Type: Fire Department	Notifier Name:	Notifier Phone:
Caller Name: STANLEY SEMENBERG	Caller Agency: DEP	Caller Phone: (212) 566-1235
DEC Investigator: rvketani	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/31/1989		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	250.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2-275G TANKS 1 TANK FAILED AND SPILLED 50 G

DEC Investigator Remarks:

3/17/06 Probably need site visit. Not much info to go on in the file.

Previous entry by KJCARPEN

3/5/08 - Austin - Assigned to Ketani for further investigation - end

5/5/08 - Raphael Ketani. The site had a 50 gal. spill on 12/31/1989. There were two 275 gal. tanks with #2 oil. One failed. The NYFD was on the scene. Almar Fuel Oil (212) 438-6676 was the fuel company. The spill was called in by Stanley Semenberg of DEP

(212) 566-1235.

There was a note on a sheet of paper in the file indicating that the former case manager tried to find the site by using Property Shark, but no such address was found. This is the extent of the paper file.

I tried to locate Almar Fuel Oil, and found them in the Brooklyn White Pages. They are at 918 McDonald Avenue. The phone number is (718) 438-6676. I called them up and I was told that their new name is Chief Energy. I asked the person who handles the fuel oil accounts whether there is an account for 183 Ralph Avenue. He said that his records don't go back to 1989 and right now there is no account that would have an address similar to 183.

I tried to locate the site via the DEC PBS database, Property Shark, NYC Property Tax database, and ACRIS. None of these databases listed the site or could find the site.

I will make a site visit.

5/6/08 – Raphael Ketani. I attempted to make the site visit. There is no address marked as 183 Ralph Avenue. There is a small church at the corner of Ralph Avenue and Macon Street. It looked to be of fairly recent construction, no more than maybe 18 years. I took some pictures of the church and the neighboring property, 185 Ralph Avenue. The pictures are in the E-docs. I went to Property Shark and put in the address of the church as 694 Macon Street. The database showed an alternate address as 179 Ralph Avenue, but NOT 183 Ralph Avenue. I entered 185 Ralph Avenue into Property Shark, and it only came up with a McDonough Street alternate address. So it appears that there are no in between addresses for Ralph Avenue.

As there is no more information to go on for locating the site and since the spill took place about 18 years ago, I am closing the spill case.

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM OR STORMS. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
0005848	SPILL NUMBER 0005848	546 BAINBRIDGE ST	BROOKLYN
1401520	APT BUILDING	489 CHAUNCEY ST	BROOKLYN
0103489	MANHOLE #567	HALSEY ST & BROADWAY	BROOKLYN
0511166	MAN HOLE #2991	SUMPTER ST WEST OF ROCKAWAY AVE	BROOKLYN
0508407	PIERRE HOME	1016 HALSEY STREET	BROOKLYN
9913865	SARATOGA SQUARE HOUSES -NYCHA	930 HALSEY ST	BROOKLYN
0605511	MANHOLE # TM 700	STONE AVE 31 FT WEST OF BROADWAY	BROOKLYN
0500513	RESIDENCE	842 MACON ST	BROOKLYN
0210184	SPILL NUMBER 0210184	1058 DECATUR ST	BROOKLYN
9809502	PUBLIC SCHOOL 73	241 MACDOUGAL ST	BROOKLYN
9912025	GRANT RESIDENCE	335 MARION ST	BROOKLYN
9703560	OCEAN HILL HOUSING	30 MOTHER GASTON BLVD	BROOKLYN

9412305	OCEAN HILL HOUSES -NYCHA	24 STONE AVENUE	BROOKLYN
0713555	JOHNSON HOME	704 CHAUNCEY STREET	BROOKLYN
0611391	88 COVERT STREET	88 COVERT STREET	BROOKLYN
0109008	SPILL NUMBER 0109008	630 DECATUR ST	BROOKLYN
9501663	618 DECATUR ST	618 DECATUR ST	BROOKLYN
9408841	618 DECATUR ST	618 DECATUR ST	BROOKLYN
0013488	SPILL NUMBER 0013488	EVERGREEN AV/COOPER ST	BROOKLYN
9902882	GIVINGS RESIDENCE	671 EVERGREEN AVE	BROOKLYN
9413379	1063 HALSEY STREET	1063 HALSEY STREET	BROOKLYN
9403319	RES. FIGUE ROA	1074 HALSEY ST	BROOKLYN
0501394	MANHOLE # 725	FURMAN/BUSHWICK AVE	BROOKLYN
0808214	DELEK INC	1508 BUSHWICK AVE	BROOKLYN
0412658	RESIDENCE	19 ABERDEEN STREET	BROOKLYN
0613303	TORES HOME	211 HULL STREET	BROOKLYN
0612954	ON SIDEWALK	211 HULL STREET	BROOKLYN
0811484	PRIVATE DWELLING	33 ABERDEEN ST	BROOKLYN
0811483	PRIVATE DWELLING	33 ABERDEEN ST	BROOKLYN
9511673	65 SOMERS ST	65 SOMERS ST	BROOKLYN
1304424	APT BUILDING	449 BAINBRIDGE ST	BROOKLYN
0914370	217916; EVERGREEN AVE AND HALSEY AVE	EVERGREEN AVE AND HALSEY AVE	BROOKLYN
9106421	444 BAINBRIDGE ST	444 BAINBRIDGE ST	BROOKLYN
9411936	1203 BUSHWICK AVENUE	1203 BUSHWICK AVENUE	BROOKLYN
9515677	AUSTIN RES	201 SUMTER ST	BROOKLYN
9212901	130 SCHAFFER STREET	130 SCHAFFER STREET	BROOKLYN
1209525	ROADWAY	BUSHWICK AVE AND ABERDEEN	BROOKLYN
1104045	PRIVATE HOME	1199 BUSHWICK AVE	BROOKLYN
0203277	WOLF PETROLEUM CORP	1532 BUSHWICK AVE	BROOKLYN
9003612	MACDOUGAL ST/SARATOGA AVE	MACDOUGAL ST/SARATOGA AVE	NEW YORK CITY
0507099	KINKED FUEL LINE IN BASEMENT OF HOME	1015 JEFFERSON AVE	BROOKLYN
0102311	FULTON ST AT	THOMAS BYLAND AV	BROOKLYN
0612127	BASEMENT	126 WEIRFIELD ST	BROOKLYN
0609724	DRUM RUN	SOMERS AV/ MOTHER GASTON	BROOKLYN
9600752	228 HULL ST	228 HULL ST	BROOKLYN
9911428	PILGRIM CHRISTIAN ACADEMY	600 CENTRAL AVE	BROOKLYN
0611623	1229 HERKIMER STREET	1229 HERKIMER STREET	BROOKLYN
0304925	SPILL NUMBER 0304925	1225 HERKIMER ST	BROOKLYN
9607670	1253 HERKINER ST	1253 HERKINER ST	BROOKLYN
9711811	RESIDENCE	1257 HERKIMER ST	BROOKLYN
9914596	SPILL NUMBER 9914596	2164A FULTON ST	BROOKLYN
0908728	PROGRESS TRANSPORTATION	2037 EASTERN PARKWAY	BROOKLYN
0908726	ACCESS-A-RIDE	2037 EASTERN PARKWAY	BROOKLYN
1200165	ABANDONED APT. BUILDING	1102 PUTNAM AVE	BROOKLYN
1200163	PRIVATE RESD ABANDON	1102 PUTNAM AVE	BROOKLYN
9608686	418 BAINBRIDGE ST	418 BAINBRIDGE ST	BROOKLYN

9414864	143 WEIRFIELD ST	143 WEIRFIELD ST	BROOKLYN
9914683	VAULT TM710	STONE AVE/ TRUXTON AVE	BROOKLYN
9808291	RESIDENTS	1124 PUTNAM AVE	BROOKLYN
1216230	PRIVATE RESIDENCE	559 DECATUR ST	BROOKLYN
1110327	LENNY GOODWIN RESIDENCE	17 HULL ST	BROOKLYN
9800186	BUCKEYE PIPELINE CO	CENTRAL AVE & CHAUNCEY ST	BROOKLYN
0802626	DRUM RUN	CENTRAL AVE/CHAUNCEY ST	BROOKLYN
0008358	IFO RESIDENCE	1192 HERKIMER ST	BROOKLYN
1209758	SMILING RESIDENCE	62 DE SALES PL	BROOKLYN
1005593	PRIVATE RESIDENCE	96 CORNELIA ST	BROOKLYN
0211053	ON SIDEWALK	1152 BUSHWICK AVE	BROOKLYN
9904943	TM 708	EASTERN PKWY / BROADWAY	BROOKLYN
0809616	BROADWAY AND EASTERN PARKWAY	BROADWAY AND EASTERN PARKWAY	BROOKLYN
8809338	203 HOPKINSON AVE/BKLYN	203 HOPKINSON AVENUE	BROOKLYN
0710887	STREET BETW PILLING ST/CH	CENTRAL AVE	BROOKLYN
0303344	669 CENTRAL AVENUE	669 CENTRAL AVENUE	BROOKLYN
0207850	SPILL NUMBER 0207850	669 CENTRAL AVENUE	BROOKLYN
0207845	669 CENTRAL AVENUE	CENTRAL AVE & SCHAUNCEY S	BROOKLYN
0305828	VS #5839	EASTERN P'WAY/FULTON ST	BROOKLYN
9611933	THRIFTY OIL COMPANY	83 VANDERVEER ST	BROOKLYN
9413561	FARHAT REALTY CORP	1575 BUSHWICK AVE	BROOKLYN
0207884	PUTNAM STREET AT	BUSHWICK AVE & PUTNAM	BROOKLYN
0608622	MERRILL HOME	184 MOFFETT STREET	BROOKLYN
0206799	2020 EASTERN PARKWAY	2020 EASTERN PARKWAY	BROOKLYN
9111332	1308 HERKIMER STREET	1308 HERKIMER STREET	BROOKLYN
1216108	BASEMENT	1142 HANCOCK STREET	BROOKLYN
9210069	2216 FULTON STREET	2216 FULTON STREET	BROOKLYN
0207788	VAULT 3295	HERKIMER ST/SARATOGA AVE	BROOKLYN
0007341	MANHOLE 552	CORNELIUS ST/EVERGREEN AVE	BROOKLYN
0205477	MANHOLE 64635	TRUXTON ST & SACKMAN	BROOKLYN
9311226	1093 HERKIMER ST.	1093 HERKIMER ST	BROOKLYN
1006074	PRIVATE RESD	844 HANCOCK ST	BROOKLYN
9612944	ABANDONED BUILDING	288 CHAUNCEY ST	BROOKLYN
0410958	PRIVATE RES.	1214 JEFFERSON AVE	BROOKLYN
1008292	TOWING COMPANY	1960 BROADWAY	BROOKLYN
0200021	SPILL NUMBER 0200021	248 SARATOGA AVE	BROOKLYN
9416807	368 BAINBRIDGE STREET	368 BAINBRIDGE STREET	BROOKLYN
9905790	SPILL NUMBER 9905790	11 LOUIS PLACE	BROOKLYN
9706947	CASALINO	160 STEWART ST	BROOKLYN
9105428	1898 EASTERN PKWY	1898 EASTERN PKWY	BROOKLYN
0806628	KNIGHTS COLLISION	27 CONWAY STREET	BROOKLYN
8910306	1064 HERKIMER STREET	1064 HERKIMER STREET	BROOKLYN
0301275	FORMER JOSEPH JENKINS HOME	197 RALPH AVENUE	BROOKLYN
0111424	X	237 RALPH AVE	BROOKLYN



NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 129 **LYDIA MCLAUGHLIN** **Facility Id: NY06214** **Source: NYC FIRE DEPT**
 820 MAC DONOUGH ST BROOKLYN, NY 11233 TT-Id: 660A-0002-942

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 83 feet to the WNW*

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 1080G

Map Identification Number 130 **ENGINE COMPANY 233** **Facility Id: 2-357170** **Source: NYS DEC**
 25 ROCKAWAY AVENUE BROOKLYN, 11233 TT-Id: 640A-0016-683

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 237 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Municipality (Incl. WWTPs, Utilities, Swimming Pools)
 Site Status: Active
 Expiration Date of the facility's registration certificate: 06/28/2018
 Operator Name: COMPANY OFFICER
 Owner Name: JOSEPH M. MASTROPIETRO - ASST. COMMISSIONER
 Owner Company: FIRE DEPARTMENT
 Owner Address: 9 METROTECH, BROOKLYN, NY 11201-3857

Operator Phone #: (718) 965-8233
 Owner Type: Local Government

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	Diesel	4000	Underground	05/01/1997	05/01/1997	07/12/2011
002	Closed - In Place	Gasoline	4000	Underground	05/01/1997		05/01/1997
003	Closed - In Place	#2 Fuel Oil	3000	Underground	07/01/1986		03/01/2002
004	In Service	Diesel	275	Aboveground on Crib Rack or Cradle	03/01/2002		
005	In Service	Biodiesel	4000	Underground	07/26/2011		
The following tank 005 content has been deleted or replaced:							
006	In Service	Diesel	50	Aboveground on Crib Rack or Cradle	06/07/1986		

**** TANK INFO CONTINUES ON NEXT PAGE ****

TANK NUMBER: 001	TANK TYPE: Steel/Carbon Steel/Iron	TK INT. PROTECTION: Fiberglass Liner (FRP)
TANK EXT. PROTECTION: Original Sacrificial Anode	TANK LEAK DETECTN: Interstitial – Electronic Monitoring In–Tank System (ATG)	TK SEC. CONTAINMNT: Vault (w/o access)
PIPING EXT. PROTECTN: Original Sacrificial Anode	PIPING LEAK DETECTN: Exempt Suction Piping	PIPE SEC. CONTAINMNT: Double–Walled (Underground)
PIPING TYPE: Galvanized Steel	PIPING LOCATION: Underground/On–ground	DISPENSER METHOD: Suction
OVERFILL PROTECTION: High Level Alarm	SPILL PREVENTION: Catch Basin	
TANK NUMBER: 002	TANK TYPE: Steel/Carbon Steel/Iron	TK INT. PROTECTION: None
TANK EXT. PROTECTION: None	TANK LEAK DETECTN: None	TK SEC. CONTAINMNT: Vault (w/o access)
PIPING EXT. PROTECTN: None	PIPING LEAK DETECTN:	PIPE SEC. CONTAINMNT:
PIPING TYPE: Galvanized Steel	PIPING LOCATION: Underground/On–ground	DISPENSER METHOD: Suction
OVERFILL PROTECTION: Product Level Gauge (A/G)	SPILL PREVENTION:	
TANK NUMBER: 003	TANK TYPE: Steel/Carbon Steel/Iron	TK INT. PROTECTION: None
TANK EXT. PROTECTION: None	TANK LEAK DETECTN: None	TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None	PIPING LEAK DETECTN:	PIPE SEC. CONTAINMNT:
PIPING TYPE: Galvanized Steel	PIPING LOCATION: No Piping	DISPENSER METHOD: Suction
OVERFILL PROTECTION: Product Level Gauge (A/G)	SPILL PREVENTION:	
TANK NUMBER: 004	TANK TYPE: Steel/Carbon Steel/Iron	TK INT. PROTECTION: None
TANK EXT. PROTECTION: Painted/Asphalt Coating	TANK LEAK DETECTN: Other	TK SEC. CONTAINMNT: Diking (Aboveground)
PIPING EXT. PROTECTN: Painted/Asphalt Coating	PIPING LEAK DETECTN: Exempt Suction Piping	PIPE SEC. CONTAINMNT: None
PIPING TYPE: Steel/Carbon Steel/Iron	PIPING LOCATION: Aboveground	DISPENSER METHOD: Suction
OVERFILL PROTECTION: Product Level Gauge (A/G)	SPILL PREVENTION: Catch Basin	
TANK NUMBER: 005	TANK TYPE: Fiberglass Reinforced Plastic (FRP)	TK INT. PROTECTION: None
TANK EXT. PROTECTION: Fiberglass	TANK LEAK DETECTN: In–Tank System (ATG) Interstitial – Electronic Monitoring	TK SEC. CONTAINMNT: Double–Walled (Underground)
PIPING EXT. PROTECTN: Fiberglass	PIPING LEAK DETECTN: Exempt Suction Piping	PIPE SEC. CONTAINMNT: Double–Walled (Underground)
PIPING TYPE: Fiberglass Reinforced Plastic (FRP)	PIPING LOCATION: Underground/On–ground	DISPENSER METHOD: Suction
OVERFILL PROTECTION: High Level Alarm	SPILL PREVENTION: Catch Basin	
TANK NUMBER: 006	TANK TYPE: Steel/Carbon Steel/Iron	TK INT. PROTECTION: None
TANK EXT. PROTECTION: Painted/Asphalt Coating	TANK LEAK DETECTN: Other	TK SEC. CONTAINMNT: Diking (Aboveground)
PIPING EXT. PROTECTN: Painted/Asphalt Coating	PIPING LEAK DETECTN: Exempt Suction Piping	PIPE SEC. CONTAINMNT: None
PIPING TYPE: Steel/Carbon Steel/Iron	PIPING LOCATION: Aboveground	DISPENSER METHOD: Suction
OVERFILL PROTECTION: Product Level Gauge (A/G)	SPILL PREVENTION: None	

Map Identification Number 131 **789 MCDONOUGH STREET HDFC**
 789 MAC DONOUGH STREET IC

Facility Id: 2-466468
 BROOKLYN, 11233

Source: NYS DEC
 TT-Id: 640A-0016-127

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 361 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 789 MAC DONOUGH STREET
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
 Site Status: Active
 Expiration Date of the facility's registration certificate: 05/31/2019
 Operator Name: EMMA OLIVER
 Owner Name: EMMA OLIVER - PRES
 Owner Company: 789 MCDONOUGH STREET HDFC
 Owner Address: PO BOX 210982, BROOKLYN, NY 11221

Operator Phone #: (718) 443-5949
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	5000	Aboveground - In Contact with Soil	01/01/1986		

Map Identification Number 132 **OCEAN HILL BROWNVILLE**
 789 MAC DONOUGH ST

Facility Id: NY07589
 BROOKLYN, NY 11233

Source: NYC FIRE DEPT
 TT-Id: 660A-0003-151

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 361 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL #6 5000G C OF F REQD

Map Identification Number 133 **W OERTLY ASSOCIATES**
 510 CHAUNCEY ST

Facility Id: NY10201
 BROOKLYN, NY 10033

Source: NYC FIRE DEPT
 TT-Id: 660A-0004-405

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 375 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 11233

NOTE: This is an archived database

Comments: F O 3000 GLS

Map Identification Number 134 **COVERT STREET REALTY, LLC**
 26 COVERT STREET

Facility Id: 2-612110
 BROOKLYN, 11207

Source: NYS DEC
 TT-Id: 640A-0089-983

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 432 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
 Site Status: Active
 Expiration Date of the facility's registration certificate: 09/30/2018
 Operator Name: RICKY JONES
 Owner Name: ISAAC MANDELBAUM – MANAGER
 Owner Company: COVERT STREET REALTY, LLC
 Owner Address: PO BOX 190438, BROOKLYN, NY 11219

Operator Phone #: (347) 455-7880

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1299	In Service	#2 Fuel Oil	3000	Abovegrnd – In Contact w/Imperv. Barrier	01/01/1980		

Map Identification Number 135 **JOHN A GRIFFITH**
 26 COVERT ST

Facility Id: NY05385
 BROOKLYN, NY 11207

Source: NYC FIRE DEPT
 TT-Id: 660A-0002-804

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 432 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL #4 1500G

Map Identification Number 136 **GEORGE RHODES**
 48 ROCKAWAY AVE

Facility Id: NY04239
 BROOKLYN, NY 11233

Source: NYC FIRE DEPT
 TT-Id: 660A-0002-619

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 484 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 1080G #2

Map Identification Number 137 **EDDIE HARRIS RESIDENTIAL FACILITY**
 629 CHANCEY STREET

Facility Id: 2-611260
 BROOKLYN, 11207

Source: NYS DEC
 TT-Id: 640A-0086-944

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 521 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 629 CHAUNCEY ST
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Active
 Expiration Date of the facility's registration certificate: 12/27/2011
 Operator Name: HUGHETTE JASPER
 Owner Name: FRANK BOSWELL - DIRECTOR
 Owner Company: BUSHWICK ECONOMIC DEVELOPMENT CORP
 Owner Address: 61 COOPER ST, BROOKLYN, NY 11207

Operator Phone #: (718) 453-9717

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	3000	Underground	01/01/1931		

Map Identification Number 138 **SARATOGA BRANCH**
 8 HOPKINSON AVE

Facility Id: 2-345113
 BROOKLYN, 11233

Source: NYS DEC
 TT-Id: 640A-0016-126

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 548 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 12/14/1997
 Operator Name: BROOKLYN PUBLIC LIBRARY
 Owner Name: -
 Owner Company: BROOKLYN PUBLIC LIBRARY
 Owner Address: 1 GRAND ARMY PLAZA, BROOKLYN, NY 11238

Operator Phone #: (718) 455-3078

Owner Type: Local Government

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	#2 Fuel Oil	2500	Underground Vaulted with Access			



HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 139  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004417838
NYSDEC Address: NORTH WEST CORNER ROCKAWAY AVE & BAINBRIDGE ST BROOKLYN, NY 11233 **TT-Id:** 740A-0103-773

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 37 feet to the SE*

ADDRESS CHANGE INFORMATION

Revised street: ROCKAWAY AVE / BAINBRIDGE ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	300	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 140  **EPA (RCRA) Name:** CON EDISON **Facility Id:** NYP004185427
EPA (RCRA) Address: BROADWAY & SCHAEFER ST BROOKLYN, NY 11207 **TT-Id:** 740A-0081-687
NYSDEC Name: CONSOLIDATED EDISON
NYSDEC Address: BROADWAY & SHERIDAN ST - MH4227 BROOKLYN, NY 11202

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 66 feet to the NW*

ADDRESS CHANGE INFORMATION

Revised street: BROADWAY / SCHAEFER ST
 Revised zip code: NO CHANGE

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR** Notification date: None Given
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:
 Contact Name: **CAROLINE ISKANDER** Source Type: Emergency Contact Phone: 718-666-4714 Contact Info Date: 07/23/2009

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	150	GALLONS	GENERATED	2009		

Map Identification Number 141  **NYSDEC Name:** **CON EDISON** **Facility Id:** **NYP004549028**
NYSDEC Address: **FO 24 ROCKAWAY AVE** **BROOKLYN, NY 11233** **TT-Id:** **740A-0107-610**
STRUCTURE 32643

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 135 feet to the SSE*

ADDRESS CHANGE INFORMATION
 Revised street: 24 ROCKAWAY AVE
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	No hazardous waste activity reported by NYS up to 2/25/2014.						

Map Identification Number 142  **NYSDEC Name:** **CON EDISON** **Facility Id:** **NYP004488482**
NYSDEC Address: **F/O 731 & DECATUR ST** **BROOKLYN, NY 11233** **TT-Id:** **740A-0112-948**
SERVICE BOX # 17497

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 153 feet to the W*

ADDRESS CHANGE INFORMATION
 Revised street: IFO 731 DECATUR ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	60	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 143



NYSDEC Name:
NYSDEC Address:

CON EDISON
603 BAINBRIDGE
SB13478

BROOKLYN, NY 11233

Facility Id: **NYP004438065**
TT-Id: 740A-0102-325

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 181 feet to the SW*

ADDRESS CHANGE INFORMATION

Revised street: 603 BAINBRIDGE ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 144



NYSDEC Name:
NYSDEC Address:

CON EDISON
1727 BROADWAY
SB15819

BROOKLYN, NY 11201

Facility Id: NYP004489647
TT-Id: 740A-0106-494

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 210 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 145



NYSDEC Name:
NYSDEC Address:

CON EDISON
OPP 34 ROCKAWAY AVE
SB32648

BROOKLYN, NY 11201

Facility Id: NYP004487823
TT-Id: 740A-0107-317

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 241 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 146



NYSDEC Name:
NYSDEC Address:

CONSOLIDATED EDISON
MH4225-BROADWAY & COVERT ST

BROOKLYN, NY 11201

Facility Id: NYP004007225
TT-Id: 740A-0012-175

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 279 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: BROADWAY / COVERT ST
Revised zip code: 11207

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	100	POUNDS	GENERATED	1997		

Map Identification Number 147



NYSDEC Name:
NYSDEC Address:

CON EDISON
1739 BROADWAY
SERVICE BOX # 15819

BROOKLYN, NY 11207

Facility Id: NYP004524633
TT-Id: 740A-0106-767

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 281 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
NONE	No hazardous waste activity reported by NYS up to 2/25/2014.						

Map Identification Number 148



NYSDEC Name:
NYSDEC Address:

CON EDISON

SOUTH WEST CORNER ROCKAWAY AVE & CHANCE STREET
BROOKLYN, NY 11233

Facility Id: NYP004417820

TT-Id: 740A-0103-791

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 303 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: ROCKAWAY AVE / CHAUNCEY ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	200	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 149



NYSDEC Name:
NYSDEC Address:

CON EDISON

FRONT OF 577 BAINBRIDGE ST
BROOKLYN, NY 11201
SB15474

Facility Id: NYP004480588

TT-Id: 740A-0107-292

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 330 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 577 BAINBRIDGE ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	60	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 150



NYSDEC Name:
NYSDEC Address:

CON EDISON
21 SCHAEFER ST
SB55968

BROOKLYN, NY 11207

Facility Id: NYP004370730
TT-Id: 740A-0092-009

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 340 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	50	GALLONS	GENERATED	2013		

Map Identification Number 151



NYSDEC Name:
NYSDEC Address:

CON EDISON
F/O 11 MOFFAT ST
SB 20509

BROOKLYN, NY 11207

Facility Id: NYP004491569
TT-Id: 740A-0112-749

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 355 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: IFO 11 MOFFAT ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	30	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 152



NYSDEC Name:

NYSDEC Address:
EPA (RCRA) Name:
EPA (RCRA) Address:

NYCDEP

DECATUR AVE & THOMAS S BOYLAND AVE
NYC DEP
DECATUR ST & THOMAS BOYLAND

BROOKLYN, NY 11010
BROOKLYN, NY 11233

Facility Id: NYP003665908

TT-Id: 740A-0103-559

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 363 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: DECATUR ST / THOMAS S BOYLAND ST
Revised zip code: 11233

US EPA RCRA Type: SMALL QUANTITY GENERATOR

Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: None Given

Incinerator:
Transporter:

Contact Name: JOANNE NURSE

Source Type: Implementer

Contact Phone:

Contact Info Date: 10/29/2013

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	35	POUNDS	GENERATED	2013		

Map Identification Number 153



NYSDEC Name:

NYSDEC Address:

CON EDISON

1641 BROADWAY
SB18502

BROOKLYN, NY 11207

Facility Id: NYP004522728

TT-Id: 740A-0106-752

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 375 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	70	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 154  **NYSDEC Name:** CON EDISON
NYSDEC Address: FRONT OF 524 CHAUNCEY ST BROOKLYN, NY 11233
Facility Id: NYP004451597
 TT-Id: 740A-0100-722

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 420 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 524 CHAUNCEY ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	120	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 155  **NYSDEC Name:** CON EDISON
NYSDEC Address: F/O 524 CHAUNCEY ST BROOKLYN, NY 11233
Facility Id: NYP004481095
 TT-Id: 740A-0112-945

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 420 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: IFO 524 CHAUNCEY ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
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NONE No hazardous waste activity reported by NYS up to 2/25/2014.

Map Identification Number 156



NYSDEC Name:
NYSDEC Address:

CON EDISON
535 CHAUNCEY
SB16731

BROOKLYN, NY 11233

Facility Id: NYP004408100
TT-Id: 740A-0102-326

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 423 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 535 CHAUNCEY ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	100	GALLONS	GENERATED	2013		

Map Identification Number 157



NYSDEC Name:
NYSDEC Address:

CON EDISON
46 ROCKAWAY AVE
SB32646

BROOKLYN, NY 11233

Facility Id: NYP004477923
TT-Id: 740A-0105-998

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 436 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	60	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 158



NYSDEC Name:
NYSDEC Address:

CON EDISON
GO 707 DECATUR ST
STRUCTURE 17496

BROOKLYN, NY 11233

Facility Id: NYP004540258
TT-Id: 740A-0111-400

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 462 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
NONE	No hazardous waste activity reported by NYS up to 2/25/2014.						

Map Identification Number 159



NYSDEC Name:
NYSDEC Address:

CON EDISON
21 COVERT ST
SB19154

BROOKLYN, NY 11207

Facility Id: NYP004506283
TT-Id: 740A-0106-079

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 478 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	70	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 160



NYSDEC Name:
NYSDEC Address:

CON EDISON
525 CHAUNCEY ST
SB16730

BROOKLYN, NY 11233

Facility Id: NYP004373395
TT-Id: 740A-0092-044

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 499 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	50	GALLONS	GENERATED	2013		

Map Identification Number 161



NYSDEC Name:
NYSDEC Address:

CON EDISON
553 BAINBRIDGE ST
SB15472

BROOKLYN, NY 11201

Facility Id: NYP004412060
TT-Id: 740A-0100-000

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 535 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	35	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 162



NYSDEC Name:
NYSDEC Address:

CON EDISON
FRONT OF 427 & MARION ST
SB30234

BROOKLYN, NY 11201

Facility Id: **NYP004483764**
TT-Id: 740A-0111-176

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 550 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: IFO 427 MARION ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	40	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 163



EPA (RCRA) Name:

EPA (RCRA) Address:

NYSDEC Name:

NYSDEC Address:

MTA NYCT – CHAUNCEY ST STATION J-LINE

CHAUNCEY ST & BROADWAY

NYCTA

CHAUNCEY ST

BROOKLYN, NY 11207

BROOKLYN, NY

Facility Id: NYR000082073

TT-Id: 740A-0081-369

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 551 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: CHAUNCEY ST / BROADWAY

Revised zip code: NO CHANGE

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: 05/03/2000

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: WILLIAM JEHLE

Source Type: Implementer

Contact Phone: 646-252-3500

Contact Info Date: 01/01/2007

Contact Name: WILLIAM JEHLE

Source Type: Notification

Contact Phone: 646-252-3500

Contact Info Date: 05/03/2000

Historically listed as the following USEPA RCRA Generator Size(s) as well:

LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	700	POUNDS	GENERATED	2001	2250	2000

Map Identification Number 164



NYSDEC Name:

NYSDEC Address:

CON EDISON

45 MOFFATT ST

SB 30512

BROOKLYN, NY

Facility Id: NYP004366746

TT-Id: 740A-0094-760

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 564 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 45 MOFFATT ST

Revised zip code: 11207

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2013		

Map Identification Number 165



NYSDEC Name:

NYSDEC Address:
EPA (RCRA) Name:
EPA (RCRA) Address:

NYCDEP

HOPKINSON BTW BAINBRG & CHAUNC
NYC DEP
HOPKINSON AVE & CHAUNCY ST

BROOKLYN, NY 11368
BROOKLYN, NY 11233

Facility Id: NYP003662616

TT-Id: 740A-0015-555

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 566 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: HOPKINSON BTW BAINBRG / CHAUNC
Revised zip code: 11233

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: JOANNE NURSE

Source Type: Emergency

Contact Phone: 718-595-4675

Contact Info Date: 02/22/2006

Contact Name: JOANNE NURSE

Source Type: Implementer

Contact Phone: 718-595-4675

Contact Info Date: 02/24/2006

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	200	POUNDS	GENERATED	2006		

Map Identification Number 166



NYSDEC Name:
NYSDEC Address:

CON EDISON
FRONT OF 453 MARION ST
SB30240

BROOKLYN, NY 11233

Facility Id: NYP004505517
TT-Id: 740A-0107-365

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 584 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 453 MARION ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	80	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 167



NYSDEC Name:
NYSDEC Address:

CONSOLIDATED EDISON
509 CHAUNCEY ST & THOMAS S BOY
LAND ST
CON EDISON – MANHOLE 4200
509 CHAUNCEY ST & THOMAS S BOY
LAND ST

BROOKLYN, NY 11233

Facility Id: NYP004185369
TT-Id: 740A-0065-915

EPA (RCRA) Name:
EPA (RCRA) Address:

BROOKLYN, NY 11233

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 588 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 509 CHAUNCEY ST
Revised zip code: UNKNOWN

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: None Given

Incinerator:
Transporter:

Contact Name: FRANKLYN MURRAY
Contact Name: CAROLINE ISKANDER

Source Type: Annual/Biennial Report update with Notification
Source Type: Emergency

Contact Phone: 212-460-2808
Contact Phone: 718-666-4714

Contact Info Date: 03/23/2010
Contact Info Date: 07/23/2009

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	700	GALLONS	GENERATED	2009		

Map Identification Number 168  **NYSDEC Name:** CONSOLIDATED EDISON
NYSDEC Address: 509 CHAUNCEY ST – MH 4200 BROOKLYN, NY 11201 **Facility Id:** NYP004188369
 TT-Id: 740A-0065-942

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (1)
 Approximate distance from property: 588 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 509 CHAUNCEY ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
NONE	No hazardous waste activity reported by NYS up to 2/25/2014.						

Map Identification Number 169  **NYSDEC Name:** BOBE DRY CLNRS
NYSDEC Address: 1338 BUSHWREK AVE BROOKLYN, NY 11207 **Facility Id:** NYD987034808
EPA (RCRA) Name: BOBE DRY CLEANERS
EPA (RCRA) Address: 1338 BUSHWICK AVE BROOKLYN, NY 11207

MAP LOCATION INFORMATION
 Site location mapped by:
 Approximate distance from property: 601 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 1338 BUSHWICK AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR Notification date: 04/15/1997
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:
 Contact Name: SERGIO AZCONA Source Type: Implementer Contact Phone: 718-455-6582 Contact Info Date: 01/01/2007
 Contact Name: SERGIO AZCONA Source Type: Notification Contact Phone: 718-455-6582 Contact Info Date: 04/15/1997

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F002	Spent halogenated solvents	390	POUNDS	GENERATED	2006		

Map Identification Number 170  **NYSDEC Name: CON EDISON** **Facility Id: NYP004346748**
 NYSDEC Address: 1330 BUSHWICK AVE BROOKLYN, NY TT-Id: 740A-0091-791
 EPA (RCRA) Name: CON EDISON SERVICE BOX: 19018
 EPA (RCRA) Address: 1330 BUSHWICK AVE BROOKLYN, NY 11207

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 611 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: None Given
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:
 Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 08/16/2013
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 09/16/2013

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	60	GALLONS	GENERATED	2013		

Map Identification Number 171



NYSDEC Name:
NYSDEC Address:

CON EDISON
473 MARION ST
SB 30242

BROOKLYN, NY 11221

Facility Id: NYP004528550
TT-Id: 740A-0106-817

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 622 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
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NONE No hazardous waste activity reported by NYS up to 2/25/2014.

Map Identification Number 172



NYSDEC Name:
NYSDEC Address:

CON EDISON
550 BAINBRIDGE ST
SB15473

BROOKLYN, NY 11432

Facility Id: NYP004522603
TT-Id: 740A-0106-747

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 644 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	30	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only

Map Identification Number 173



NYSDEC Name:
NYSDEC Address:

CON EDISON
47 ROCKAWAY AV
SB32650

BROOKLYN, NY 11233

Facility Id: NYP004472858
TT-Id: 740A-0106-067

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 645 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D008	Lead	100	GALLONS	GENERATED	2014		

NOTE: 2014 waste amounts are for 1/1/14 to 2/25/14 only



NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO AIR DISCHARGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS



NO NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS – "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
Broadway/Decatur St Properties
Brooklyn, NY 11233

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

Unmappable facilities for 'Kings' County

NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
224020	DESIGNERS WOODCRAFT	224020 DESIGNERS WOODCRAFT		UNKNOWN
224039	NJZ COLORS	224039 NJZ COLORS	BROOKLYN	UNKNOWN
NYD980531628	WILLIAM HARVEY CORP	UNKNOWN	BROOKLYN	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
24D05	EMPIRE MILL DEMO			UNKNOWN
24M01	ASHMONT METALS RES.REC.			UNKNOWN
24T13	NY CROSS HARBOR RR			UNKNOWN
24T55	CARDELLA TRUCKING			UNKNOWN
24T75	ROBERT BOLOGNA WCTB INC.			UNKNOWN
24TA8	U.S. COAST LINE, INC.			UNKNOWN
24TA9	NY CROSS HARBOR RR CORP.			UNKNOWN
24TB3	J. WISE EXCAVATING			UNKNOWN
24Y81	NYCDPR YARD WASTE COMPOST			UNKNOWN
		RALPH AVE.	BROOKLYN	UNKNOWN
NY00000001681	BIG EXCAVATING & DEMO	UNKNOWN	UNKNOWN	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1307056	SHEEN DISCHARGE TO NEWTOWN CREEK	CON EDISON 11TH ST CONDUIT PUMPING STATI		UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1310574	SECONDARY CONTAINMENT	25 PAIDGE AVE	BROOKLYN	UNKNOWN
1305804	STRUCTURE	DEKALB AVE	BROOKLYN	UNKNOWN
0308367	AGUANA SUBSTATION	104-27 STREET	BROOKLYN	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8607075	SPILL NUMBER 8607075			UNKNOWN
9313502	1782 GLEASON AVE	1782 GLEASON AVE	BROOKLYN	UNKNOWN
9210971	126TH STREET/FELIX STREET	126TH STREET/FELIX STREET	BROOKLYN	UNKNOWN
9109440	HOBBY SHOP GARAGE/US NAVY	HOBBY SHOP GARAGE	BROOKLYN	UNKNOWN
0403237	21 E PITKIN AVE	21 E PITKIN AVE	BROOKLYN	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0605577	MERIDIAN PROPERTIES	101 LINCOLN BLVD	BROOKLYN	UNKNOWN
0206822	STARRETT ST AT	SPRING CREEK COMMUNITY CTR	BROOKLYN	UNKNOWN
8802622	85-09 1ST AVENUE	85-09 1ST AVENUE	NEW YORK CITY	UNKNOWN
8806571	CLOSED-LACKOF RECENT INFO	ADMINISTRATION BLDG	NYC	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9213773	SPILL NUMBER 9213773			UNKNOWN
8603146	SPILL NUMBER 8603146			UNKNOWN
1100320	GASOLINE VAPORS FROM SEWER	3550 LIVONIA ST	BRONX	UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
9912359	BOX 20341	715 PAHALEY ST	BROOKLYN	UNKNOWN
9907077	MANHOLE 58390	NECKING LAND AVE	BROOKLYN	UNKNOWN
9901523	BROWNING FERRIS INDUSTRIE	115 CANGNEF STREET ?	BROOKLYN	UNKNOWN
9815288	MANHOLE 14244	29-39 HAYWOOD ST	BROOKLYN	UNKNOWN

9813982	SERVICE BOX 49009	SERVICE BOX 49009	BROOKLYN	UNKNOWN
9812837	MANHOLE 65847	SOUTHSIDE MACON ST	BROOKLYN	UNKNOWN
9812720	SPILL NUMBER 9812720	2929 BAINBRIDGE AVE	BROOKLYN	UNKNOWN
9801951	432 DRAKES AVE CORP	432 DRAKES AVE	BROOKLYN	UNKNOWN
9412310	217 HYLAND ST	217 HYLAND ST	BROOKLYN	UNKNOWN
9312482	NAVESINK RIVER CHANNEL #7	NAVESINK RIVER CHANNEL #7	BROOKLYN	UNKNOWN
9306347	WHITE AVE - BLDG 114	WHITE AVE - BLDG 114	BROOKLYN	UNKNOWN
9305573	VARIOUS LOTS IN BROOKLYN	VARIOUS LOTS IN BROOKLYN	BROOKLYN	UNKNOWN
9214290	1200 NECK ROAD	1200 NECK ROAD	BROOKLYN	UNKNOWN
9214052	SPILL NUMBER 9214052		BROOKLYN	UNKNOWN
9210843	UNK	UNKNOWN	BROOKLYN	UNKNOWN
9203835	PACIFIC ST & ATLANTIC AVE - NYCT	PACIFIC ST / ATLANTIC AVE	BROOKLYN	UNKNOWN
9004558	GUID AVE BRIDGE/BKLYN	GUID AVE BRIDGE	BROOKLYN	UNKNOWN
8704318	SPILL NUMBER 8704318		BROOKLYN	UNKNOWN
8504687	BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503558	BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503309	SUNOCO BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503172	BROOKLYN, KINGS	BROOKLYN, KINGS	BROOKLYN	UNKNOWN
8502862	GAS COMPANY	GAS COMPANY	BROOKLYN	UNKNOWN
8100041	SUBWAY-NYC	SUBWAY-NYC	BROOKLYN	UNKNOWN
7900928	SPILL NUMBER 7900928		BROOKLYN	UNKNOWN
1303429	FEEDER LEAK	N. MORE AND WEST ST.	BROOKLYN	UNKNOWN
1008910	222188; ATLANTIC AVE	ATLANTIC AVE	BROOKLYN	UNKNOWN
1008899	221814; FULTON ST	FULTON ST	BROOKLYN	UNKNOWN
1008890	221578; ATLANTIC AVE	ATLANTIC AVE	BROOKLYN	UNKNOWN
0911395	MANHOLE 14818	ATLANTIC AVE	BROOKLYN	UNKNOWN
0901698	MANHOLE 32994	21ST ST 4TH	BROOKLYN	UNKNOWN
0901530	EAST NEW YORK DEPOT	1700 BUSHWICK AVE	BROOKLYN	11207
0813358	APARTMENTS	9TH ST	BROOKLYN	UNKNOWN
0803914	LAFARGE CEMENT CO	UNKNOWN	BROOKLYN	UNKNOWN
0711377	3424 CLINTON ROAD	3424 CLINTON ROAD	BROOKLYN	UNKNOWN
0708196	EAST NY YARD	1700 BUSHWICK AVE	BROOKLYN	11207
0502166	ATLANTIC AVE STATION-BARCLAY CENTER	A-4 TRACK SOUTH (D,N,R LINES)	BROOKLYN	UNKNOWN
0410369	RESIDENCE	57 BRAND STREET	BROOKLYN	UNKNOWN
0405797	VAULT #VS-7930	3411 JUIEER AVE	BROOKLYN	UNKNOWN
0405023	VAULT # 3182	DEBEVOIST PLACE/LAFAYETTE	BROOKLYN	UNKNOWN
0402927	TRANSFORMER MANHOLE 2091	ATLANTIC AVE/TERRY PL	BROOKLYN	UNKNOWN
0400597	CON ED MANHOLE#65848	MACON STREET	BROOKLYN	UNKNOWN
0313741	MANHOLE 65796	SOUTHSIDE MACON ST	BROOKLYN	UNKNOWN
0312773	SUBWAY SYSTEM-A LINE	TRACK A-3- COLUMN 792	BROOKLYN	UNKNOWN
0310941	MANHOLE 32221 FRONT OF	298 HAWKSIDE AVE	BROOKLYN	UNKNOWN
0307315	TM 0610	BRIGHTON CT & 7TH ST	BROOKLYN	UNKNOWN
0304752	SERVICE BOX 21536	38 JEROME AVE	BROOKLYN	UNKNOWN
0211077	ALL OVER BROOKLYN	ALL OVER BROOKLYN	BROOKLYN	UNKNOWN
0206776	VAULT VS2603	2051 BROADWAY	BROOKLYN	11207
0104880	ROCKAWAY AVE SUBWAY STA	ROCKAWAY AVE	BROOKLYN	UNKNOWN
0104614	ON CORNER	GREENWICH ST/BUSHWICK AVE	BROOKLYN	UNKNOWN
0101463	CABLE PIT	A-LINE ROCAWAY AVE	BROOKLYN	UNKNOWN
0010902	MANHOLE #61600	WEST SERVICE RD TO BQE	BROOKLYN	UNKNOWN
9103671	145 UNEDON ROAD/BKLYN	145 UNEDON ROAD	NEW YORK CITY	UNKNOWN
8000630	FULTON STREET	FULTON ST	NEW YORK CITY	UNKNOWN
9206476	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
8504666	UNK	UNKNOWN	UNKNOWN	UNKNOWN
9712672	SPILL NUMBER 9712672	SEAWAY SERVICE STATION, R	WAYLAND	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9404620	BROOKLYN EXPWY	UNDER B'KLYN EXPWY	BRONX	UNKNOWN
1111553	CONSTRUCTION SITE - NO ADDRESS	TARGET BASIN CHANNEL - ALONG BELL PARKWA	BROOKLY	UNKNOWN
9914811	POLE #18923	MANOR RD/HOLLYWOOD AVE	BROOKLYN	UNKNOWN

9907586	VAULT 2488	45 DEBEVOISE PLACE	BROOKLYN	UNKNOWN
9610216	RALPH 2 UNIT SUBSTATION	RALPH AVE ??	BROOKLYN	UNKNOWN
9608869	240 SECOND ST &	240 2ND ST & BROADWAY	BROOKLYN	UNKNOWN
9602674	CROSS HARBOR	BOX 182	BROOKLYN	UNKNOWN
9510467	DRIVER SERVICES CO	172 CARSON AVE	BROOKLYN	UNKNOWN
9505269	N. ELEANOR PL/WILLIAMBURG	MANHOLE #55915/ELEANOR PL	BROOKLYN	UNKNOWN
9502935	3147 BROADWAY	3147 BROADWAY	BROOKLYN	UNKNOWN
9409670	531 144TH STREET	531 144TH STREET	BROOKLYN	UNKNOWN
9314528	55 FULTON ST.	55 FULTON ST	BROOKLYN	UNKNOWN
9314184	BET LOUISIANA & MALTA AVE	BET LOUSINANA & MALTA AVE	BROOKLYN	11207
9308950	JAMAICA REGULATOR #3	JAMAICA REGULATOR #3	BROOKLYN	UNKNOWN
9307209	HILLARY STREET	HILLARY STREET	BROOKLYN	UNKNOWN
9304944	1604 LOTS 28 & 37-44 PLUS	1604 LOTS 28 & 37-44 PLUS	BROOKLYN	UNKNOWN
9213983	1149 SLAVEY AVENUE	1149 SLAVEY AVENUE	BROOKLYN	UNKNOWN
9210698	2110 BOLTON STREET	2110 BOLTON STREET	BROOKLYN	UNKNOWN
9207289	LYNROCK NURSING HOME	LYNROCK NURSING HOME	BROOKLYN	UNKNOWN
9203867	280 ELDRIDGE ST	280 ELDRIDGE ST	BROOKLYN	UNKNOWN
8607666	CHEVRON STATION / BROOKLYN	CHEVRON/DRUM	BROOKLYN	UNKNOWN
8606856	SPILL NUMBER 8606856		BROOKLYN	UNKNOWN
1402656	HYDRAULIC OIL SPILL TO GERRITSEN INLET	GERRITSEN INLET	BROOKLYN	UNKNOWN
1309591	GROUNDLEVEL	451 CLARKSON AVE	BROOKLYN	UNKNOWN
1301233	ROADWAY SPILL	ROCKAWAY PKWY	BROOKLYN	UNKNOWN
1213724	TRANS VAULT 6531	CLARK ST AND 6TH ST	BROOKLYN	UNKNOWN
1211499	BASEMENT	36 PARGETHE STREET	BROOKLYN	UNKNOWN
1209854	NYC TRANSIT SPILL ON TRACK	MONTAQUE RAIL STATION IN TUBE	BROOKLYN	UNKNOWN
1209775	BROOKLYN	ALL STREETS	BROOKLYN	UNKNOWN
1208189	SANDY FOLLOW UP	MARGINEL STREET	BROOKLYN	UNKNOWN
1207421	NYC TRANSIT BUS	DECATUR AVE AND 4TH AVE	BROOKLYN	UNKNOWN
1207169	STREET	WHIKOSS AVE	BROOKLYN	UNKNOWN
1206293	ON ROAD (BUS #6493)	FRESH POND RD AND 6TH AVE	BROOKLYN	UNKNOWN
1204507	GENERATOR LEAK AND FIRE (US POWER GEN)	1 WHALE COURT	BROOKLYN	UNKNOWN
1202805	MANHOLE #60674	DEKALB AVE	BROOKLYN	UNKNOWN
1201439	BROOKLYN CRUISE TERMINAL	BROOKLYN CRUISE TERMINAL	BROOKLYN	UNKNOWN
1200646	HESS TERMINAL	CORTEZ RD AND CLAYTON ST	BROOKLYN	UNKNOWN
1113535	DEP CONSTRUCTION SITE	1887 RALPH AVE	BROOKLYN	UNKNOWN
1101447	POLE # 62699	2715 ROUND ST	BROOKLYN	UNKNOWN
1012275	RAMP A ON ROCKAWAY PARKWAY CONSTR SITE	ROCKAWAY PARKWAY	BROOKLYN	UNKNOWN
1009644	ROADWAY	WASHINGTON PLAZA	BROOKLYN	UNKNOWN
1009088	221422; S NY AVE	S NY AVE	BROOKLYN	UNKNOWN
1008869	220407; ATLANTIC AVE	ATLANTIC AVE	BROOKLYN	UNKNOWN
1007934	TO ROADWAY	ATLANTIC AND 127TH ST	BROOKLYN	UNKNOWN
1003496	TM # 78	NORTHSIDE OF MONTROSE AVE	BROOKLYN	UNKNOWN
0914587	219027; 86 STREET AND 17 STREET	86 STREET AND 17 STREET	BROOKLYN	UNKNOWN
0914424	218248; YORK STREET AND GREEN LANE	YORK STREET AND GREEN LANE	BROOKLYN	UNKNOWN
0912508	REGULATOR OH-6	BROOKLYN ARMY TERMINAL	BROOKLYN	UNKNOWN
0906724	HTV 5534	LIRR TRAIN YARD/ATLANTIC AVE PACIFIC ST	BROOKLYN	UNKNOWN
0903615	ROADWAY	SULLIVAN ST / VAN SINBEREN AVE	BROOKLYN	UNKNOWN
0811729	WEST SIDE OF SCHENECTADY AVE	WEST SIDE OF SCHENECTADY AVE	BROOKLYN	UNKNOWN
0808967	DRUM RUN	RYERSON AVE	BROOKLYN	UNKNOWN
0806633	NYCT BUS	AVE J AND FULTON ST	BROOKLYN	UNKNOWN
0805706	MANHOLE #724	YORK ST/ GREEN LANE	BROOKLYN	UNKNOWN
0712922	BREE AVE AND BRIGGS AVE	BREE AVE AND BRIGGS AVE	BROOKLYN	UNKNOWN
0706451	ONE PINT FROM AERIAL XFMR ON POLE	IN FRONT OF 230-50 EDGEWOOD AVE	BROOKLYN	UNKNOWN
0702015	ATLANTIC SUBWAY	ATLANTIC/PACIFIC	BROOKLYN	UNKNOWN
0701967	SPRAGUE ENERGY TRUCK	2449 HALLWAY AVE	BROOKLYN	UNKNOWN
0701086	FORMER BUS YARD	CARLTON AVE	BROOKLYN	UNKNOWN
0610884	PARKING LOT	909 PROMOTIONAL DEV. IND	BROOKLYN	UNKNOWN
0607043	DEP FACILITY	WEST SIDE OF DIGESTER BUI	BROOKLYN	UNKNOWN
0606084	UNKNOWN	UNKNOWN	BROOKLYN	UNKNOWN
0510930	BOYS & GIRLS SCHOOL	1700 FULTON STREET	BROOKLYN	11213

0510034	PUBLIC HOUSING	1841 FULTON ST	BROOKLYN	11233
0508865	GOWANAS EXPRESSWAY	MEDIAN MILE 3RD/6TH EXIT	BROOKLYN	UNKNOWN
0506320	MANHOLE 3223	MACON ST. 20 FT WEST OF M	BROOKLYN	UNKNOWN
0503928	MANHOLE 23700	PALISADES AVE	BROOKLYN	UNKNOWN
0409645	BUS	ROCKLAND/UTICA	BROOKLYN	UNKNOWN
0405408	BROOKLYN QUEENS EXPRSS.	WEST BOUND/BAYRIDGE EXIT	BROOKLYN	UNKNOWN
0402928	SPILL NUMBER 0402928	ATLANTIC AVE/TERRY PL	BROOKLYN	UNKNOWN
0402577	ON THE ROADWAY	BAYRIDGE/COLONIE RD	BROOKLYN	11209
0400995	ON ROAD	INTER. NORSTRAND/BURSTERN	BROOKLYN	UNKNOWN
0400281	MANHOLE#66064	37TH STREET	BROOKLYN	UNKNOWN
0307966	SPILL NUMBER 0307966	QUEENS CO. HOSPITAL	BROOKLYN	UNKNOWN
0207970	OPPOSITE	1630 SEMARKS AVE	BROOKLYN	UNKNOWN
0201563	SPILL NUMBER 0201563	BROADWAY & VAN SICLEN AVE	BROOKLYN	UNKNOWN
0108906	SPILL NUMBER 0108906	7TH AVE & WEST 35TH ST	BROOKLYN	UNKNOWN
0105353	TM 788	HERKIMER ST & NOXON AVE	BROOKLYN	UNKNOWN
0104610	CORONA YARD	UNKNOWN	BROOKLYN	UNKNOWN
0009839	TRANSIT AUTHORITY YARD -NYCT	BUSHWICK AVE E. NEW YORK	BROOKLYN	11207
9009359	ATLANTIC AVE/HERKIMER ST	ATLANTIC AVE/HERKIMER ST	NEW YORK CITY	UNKNOWN
8901733	6TH ST & 27TH ST/BKLYN	6TH STREET & 27TH STREET	NEW YORK CITY	UNKNOWN
8810118	BLDG 3 SUB STATION/BKLYN	BLDG 3 SUB STATION	NEW YORK CITY	UNKNOWN
8809003	ATLANTIC AVE & BEVERLY RD	ATLANTIC AVE & BEVERLY RD	NEW YORK CITY	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-237280	1160 REALTY CO	1160 REALTY CO	BROOKLYN	UNKNOWN
NY03182	DEPT OF PARKS		BROOKLYN	UNKNOWN
NY08951	SECO MANAGEMENT	B KLYN NY	BROOKLYN	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP004001319	CONSOLIDATED EDISON CO	CROSBY 165		UNKNOWN
NYP004026936	CONSOLIDATED EDISON CO	V4798 GRAND & CLINTON		UNKNOWN
NYP004496469	CON EDISON	965 WILLOUGHBY AVE	BRONX	UNKNOWN
NY0000004697	NYCTA	STILLWLL AVE	BROOKLYN	UNKNOWN
NYD986872596	NYCTA	EAST PKWY SVC STA	BROOKLYN	11233
NYP000788471	USEPA	ERRD	BROOKLYN	UNKNOWN
NYP000927004	CONSOLIDATED EDISON	MACON STREET	BROOKLYN	UNKNOWN
NYP000927723	CONSOLIDATED EDISON	LIBERTY AND SHEEP	BROOKLYN	UNKNOWN
NYP000928275	CONSOLIDATED EDISON	875 KAGERS AVE	BROOKLYN	UNKNOWN
NYP000928846	CONSOLIDATED EDISON	MH 64217-BROOKLYN GRAND	BROOKLYN	UNKNOWN
NYP000929257	CONSOLIDATED EDISON	5 MARKS ST	BROOKLYN	UNKNOWN
NYP004048385	CONSOLIDATED EDISON	MH4690-N/E/C UTICA AVE	BROOKLYN	UNKNOWN
NYP004057972	CONSOLIDATED EDISON	MH21248	BROOKLYN	UNKNOWN
NYP004059010	CONSOLIDATED EIDSON	N/S	BROOKLYN	UNKNOWN
NYP004070264	CONSOLIDATED EDISON	MH12645	BROOKLYN	UNKNOWN
NYP004074357	CONSOLIDATED EDISON	MH61205	BROOKLYN	UNKNOWN
NYP004076185	CONSOLIDATED EDISON	MH7746	BROOKLYN	UNKNOWN
NYP004121414	CONSOLIDATED EDISON	PARK @ ELLIOT AVE MH4047	BROOKLYN	UNKNOWN
NYP004138608	CONSOLIDATED EDISON	S/E/C WILLOUGHBY LANE	BROOKLYN	UNKNOWN
NYP004182911	CONSOLIDATED EDISON MH8843	MH 884390 90 ROSS ST	BROOKLYN	UNKNOWN
NYP004183331	CONSOLIDATED EDISON MH42983	MH42983 323 TANAKING AVE	BROOKLYN	UNKNOWN
NYP004192154	CONSOLIDATED EDISON MH27077	MH27077	BROOKLYN	UNKNOWN
NYP004194890	CONSOLIDATED EDISON MH58388	HEGEMAN AVE & HERZL AVE	BROOKLYN	UNKNOWN
NYP004195525	CONSOLIDATED EDISON	CYPRESS AVE & STATE ST.	BROOKLYN	UNKNOWN
NYP004198099	CONSOLIDATED EDISON	F/O 1802 & 1809 AVE & 618 ST	BROOKLYN	UNKNOWN
NYP004241733	CONED	WILLIAMS STREET	BROOKLYN	UNKNOWN
NYP004289252	CON EDISON	' FURMAN ST'	BROOKLYN	UNKNOWN
NYP004294518	CON EDISON	' S/S VOORHIES AVE 150 E/O BRAGG'	BROOKLYN	UNKNOWN
NYP004301644	CON EDISON	' S/W/C WYCKOFF AVE / GROVE STRE'	BROOKLYN	UNKNOWN
NYP004347585	CON EDISON	726 SHAKER ST	BROOKLYN	UNKNOWN

NYP004349585	CON EDISON	726 SACKER ST	BROOKLYN	UNKNOWN
NYP004352977	CON EDISON	88 VANDEREEN ST	BROOKLYN	UNKNOWN
NYP004379632	CON EDISON	7111 DECATURE ST	BROOKLYN	11233
NYP004382958	CON EDISON	O/F MACDONAUGH ST	BROOKLYN	11233
NYP004385704	CON EDISON	204 ELLERY BR	BROOKLYN	UNKNOWN
NYP004444741	CON EDISON	OPP 315 ROCKAWAY	BROOKLYN	UNKNOWN
NYP004449799	CON EDISON	1641 PARK AVE	BROOKLYN	11233
NYP004467411	CON EDISON	OPP 219 ROCKAWAY BLVD	BROOKLYN	UNKNOWN
NYP004468377	CON EDISON	FRONT OF 317 MARLON ST	BROOKLYN	11233
NYP004473050	CON EDISON	108 WALLEN ST	BROOKLYN	UNKNOWN
NYP004482196	CON EDISON	OPP 533 & MALCOM ST	BROOKLYN	UNKNOWN
NYP004483184	CON EDISON	695 HAISEL ST	BROOKLYN	UNKNOWN
NYP004493151	CON EDISON	639 MACDOUGH ST	BROOKLYN	UNKNOWN
NYP004529970	CON EDISON	222 WITTLER ST	BROOKLYN	UNKNOWN
NYP004534632	CON EDISON	FO MACDONOUGH ST	BROOKLYN	11233
NYP010000966	NYCDEP	16 BRIDGEWATER ST	BROOKLYN	UNKNOWN
NYP010001899	NYCDEP	2509 KNAPP ST	BROOKLYN	UNKNOWN
NYR000051078	NYCHA - TOMPKINS HOUSES	105 TOMPKINS AVE	BROOKLYN	UNKNOWN
NYR000052688	NYC HOUSING AUTH/UNITY PLAZA	315 LOUONIG AVE	BROOKLYN	11207
NYR000082073	NYCTA	CHAUNCY ST	BROOKLYN	UNKNOWN
NYR000145045	NYCT JAMAICA LINE BENTS 750-1007	FULTON & BROADWAY TO	BROOKLYN	UNKNOWN
NYR000179697	GATEWAY ELTON PHASE I - SITE D	1166 ELTON STREET	BROOKLYN	11207
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYR000067843	NEW YORK CITY DEPT PARKS & RECREATION	11 ROSENGREV AVE	N/S	UNKNOWN
NY0000047233	NYCDOT	2 RECTOR STS (HENDRICK)	NEW YORK	UNKNOWN
NYP000960054	VERIZON NEW YORK INC.	ASHFORD STREET MANHOLE	NEW YORK	11207
NYP004044970	CONSOLIDATED EDISON	TM3895-MARGINAL ST	NEW YORK	UNKNOWN
NYP004049482	CONSOLIDATED EDISON	4 IRVING PLACE RM 300	NEW YORK	UNKNOWN
NYP004054946	CONSOLIDATED EDISON	V5971-LEXINGTON AVE	NEW YORK	UNKNOWN
NYP004141438	CONSOLIDATED EDISON	4 IRVING PL RM 828	NEW YORK	UNKNOWN
NYP004016176	CONSOLIDATED EDISON	WILLIAMS LIBERTY B	QUEENS	UNKNOWN
NYP004409074	CON EDISON	255-22 TERRACE PL	QUEENS	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYU200022	NYCDEP OMNIBUS IV ORDER			UNKNOWN
NYU900073	NEW YORK CITY TRANSIT AUTH.			UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
3604700077	NYCHA-BOULEVARD CITY	812 ASHFORD	BROOKLYN	11207
3604700161	MOT/ARMY	NO STREET ADDRESS	BROOKLYN	UNKNOWN
NY047X4UE	SUPERIOR FIBRES INC	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY047XAXP	SHARMONT REALTY	NO STREET ADDRESS	NO CITY NAME	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D008 Lead

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12

Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street

Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup**: Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites. ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.¹
Data attributes updated from: 7/28/2014. Data obtained by Toxics Targeting: 7/28/2014.
New Facilities updated through: 7/28/2014. Data obtained by Toxics Targeting: 7/28/2014.

2) **Inactive Hazardous Waste Disposal Site Registry**: New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²
Data attributes updated through: 7/1/2014. Data obtained by Toxics Targeting: 7/1/2014.
New Facilities updated to: 7/1/2014. Data obtained by Toxics Targeting: 7/1/2014.

3) **Corrective Action Activity (CORRACTS)**: U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency¹
Data attributes updated through: 6/10/2014. Data obtained by Toxics Targeting: 6/16/2014.
New facilities updated through: 6/10/2014. Data obtained by Toxics Targeting: 6/16/2014.

4) **CERCLIS**: Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites. ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.¹
Data attributes updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/7/2014.
New Facilities updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/7/2014.

5) **Brownfield Programs**: NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. ASTM required.* Source: New York State Department of Environmental Conservation.²
Data attributes updated through: 7/1/2014. Data obtained by Toxics Targeting: 7/1/2014.
New Facilities updated to: 7/1/2014. Data obtained by Toxics Targeting: 7/1/2014.

- (a) **Brownfield Cleanup Program (BCP)**
- (b) **Voluntary Cleanup Program (VCP)**
- (c) **Environmental Restoration Program (ERP)**

6) **Solid Waste Facilities**: a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry**: which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers. ASTM required.* Fannie Mae required.** Source: New York State Dept. of Environmental Conservation.²
Data updated to: 4/1/2013. Data obtained by Toxics Targeting: 4/1/2013.

(b) **1934 Solid Waste Disposal Site in New York City**: which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases**:

(a) **Manifest Information**: New York State database of hazardous waste facilities and shipments regulated by the DEC's Division of Environmental Remediation pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²
New facilities updated through: 5/25/2014. New facilities obtained by Toxics Targeting: 6/20/2014.
Manifest transactions data updated to: 5/25/2014. Manifest transactions data obtained by Toxics Targeting: 6/20/2014.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 6/10/2014.

Data obtained by Toxics Targeting: 6/16/2014.

Data attributes updated through: 6/10/2014.

Data obtained by Toxics Targeting: 6/16/2014.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *active* and *closed* spills.

ASTM required.* Fannie Mae.**

Source: NYS Department of Environmental Conservation.²

New spills through: 6/19/2014

New spills data obtained by Toxics Targeting: 6/19/2014

Spill attribute data through: 6/19/2014

Spill attribute data obtained by Toxics Targeting: 6/19/2014

Active spills: paperwork not completed.

Closed spills: paperwork completed.

Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons.

Tank & other data withheld by NYSDEC as of 4/1/2002.

ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

Data updated through: 6/23/2014.

Data obtained by Toxics Targeting: 6/23/2014.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except

Cortland, Nassau, Rockland, Suffolk, and Westchester.

ASTM required.* Fannie Mae required.**

Source: NYS Department of Environmental Conservation.²

New facilities updated through: 6/23/2014.

Data obtained by Toxics Targeting: 6/23/2014.

Tank data updated through: 6/23/2014.

Data obtained by Toxics Targeting: 6/23/2014.

(b) **New York City Fire Department Tank Data:**

Data has been withheld by the NYC Fire Dept.

Source: New York City Fire Department.

Data obtained by Toxics Targeting: 2/18/1997

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Division of Environmental Remediation pursuant to New York State Law. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²

New facilities updated through: 5/25/2014.

New facilities obtained by Toxics Targeting: 6/20/2014.

Manifest transactions data updated to: 5/25/2014.

Manifest transactions data obtained by Toxics Targeting: 6/20/2014.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 6/10/2014.

Data obtained by Toxics Targeting: 6/16/2014.

Data attributes updated through: 6/10/2014.

Data obtained by Toxics Targeting: 6/16/2014.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size.

Tank & other data withheld by NYSDEC as of 4/1/2002.

ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

Data updated through: 6/23/2014.

Data obtained by Toxics Targeting: 6/23/2014.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study**: NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.

Source: New York State Department of Environmental Conservation.²

Data updated to: 5/16/2000.

Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI)**: Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹ / NYS Department of Environmental Conservation²

Data updated through: 3/8/2004.

Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.¹

Data updated through: 6/17/2004.

Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.

See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency¹

Data updated through: 11/24/1999.

Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket**: This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**

Source: U. S. Environmental Protection Agency.¹

New Sites through: 10/14/1999.

Data updated through: 10/14/1999.

Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites**: These sites are parcels assigned a special environmental (“E”) designation under the CEQR process. E designation requires specific protocols that must be followed.

Data updated through: 7/21/2014.

Source: New York City Department of Planning³

Data obtained by Toxics Targeting: 7/21/2014

20) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.

ASTM required.* See Fannie Mae requirement** below.

Data updated through: 1/31/2000.

Source: U. S. Environmental Protection Agency.¹

Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders**: Remediation site borders reported by NYSDEC.

Source: New York State Department of Environmental Conservation.²

Updated through: 4/8/2009.

Data obtained by Toxics Targeting: 7/21/2009.

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).

** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

¹U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

²NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

³New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

APPENDIX D
SITE PHOTOGRAPHS

1674-1684 Broadway, Brooklyn



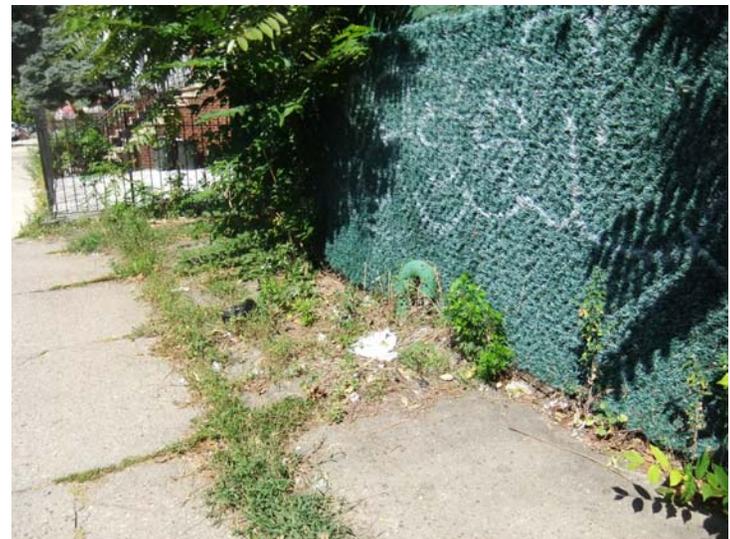
View along Broadway



Parking area



View of west side of property



Sanitary vent

1674-1684 Broadway, Brooklyn



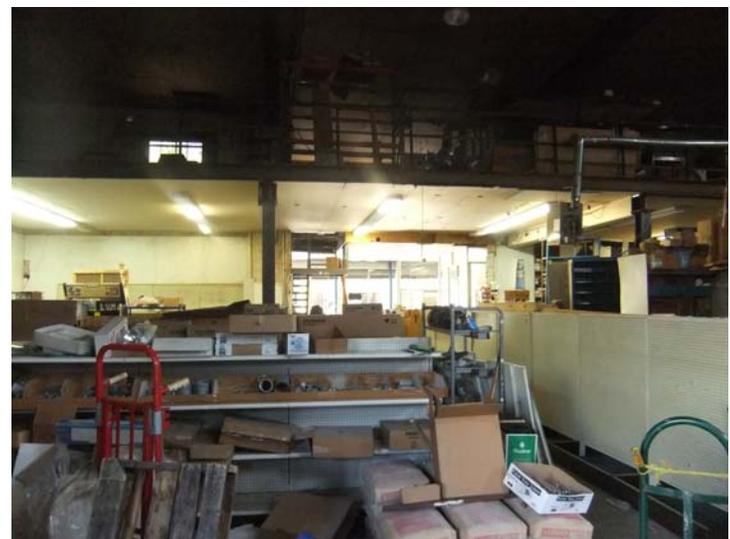
Storage yard



Front of property



Storage yard



Interior of hardware store



Interior of hardware store



Interior of hardware store



Interior of hardware store



Boiler



Former soil boring location



Basement



Interior



Basement

1674-1684 Broadway, Brooklyn



Boiler

APPENDIX E

AERIAL PHOTOGRAPHS



Broadway/Decatur St. Properties, Brooklyn

768-770 Decatur Street & 1696-1712 Broadway
Brooklyn, NY 11233

Inquiry Number: 3605343.4

May 14, 2013

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography May 14, 2013

Target Property:

768-770 Decatur Street & 1696-1712 Broadway

Brooklyn, NY 11233

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: January 04, 1954	EDR
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/DOQQ - acquisition dates: April 04, 1994	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2011	EDR



SITE

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YEAR: 1954

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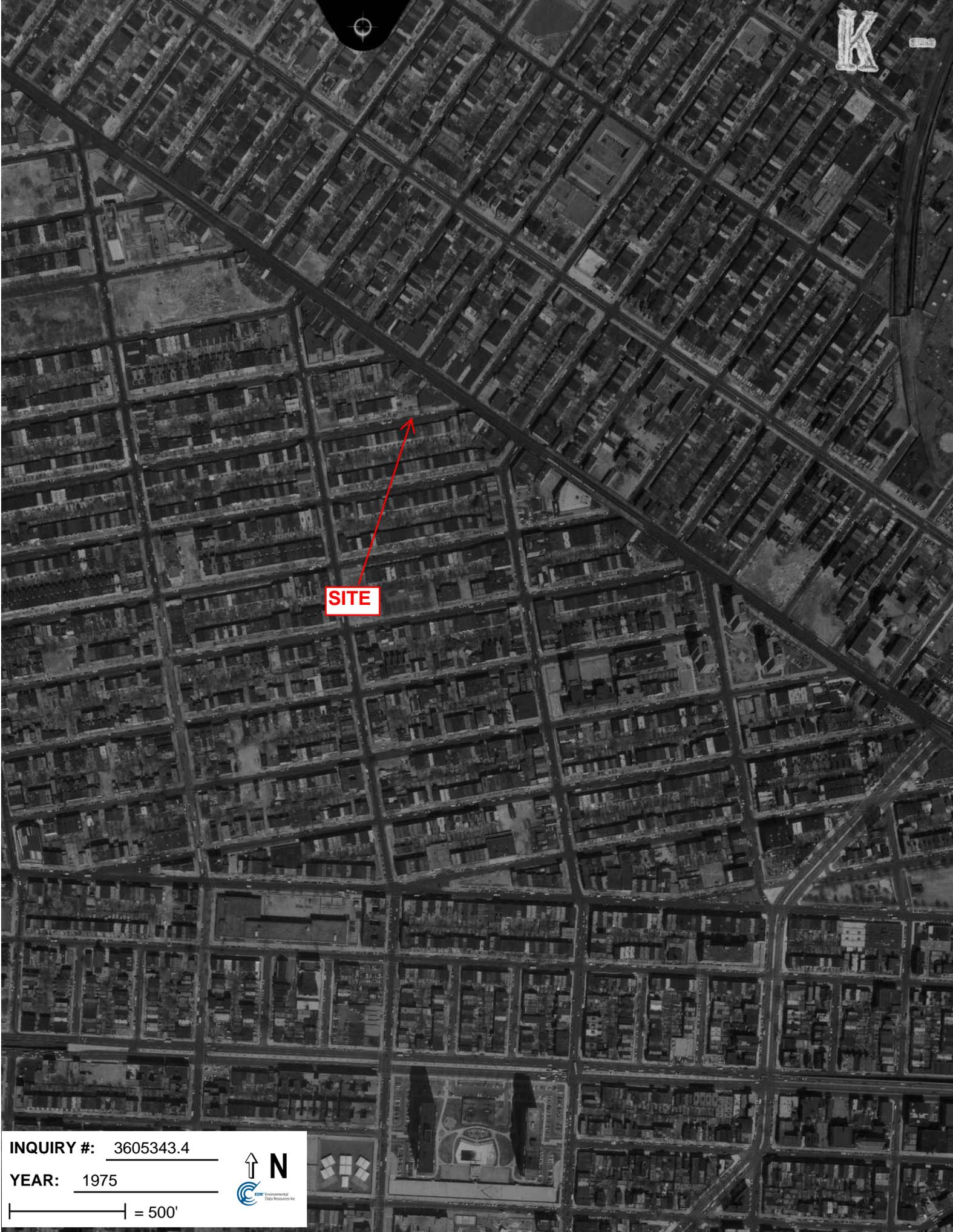
SITE

INQUIRY #: 3605343.4

YEAR: 1966

| = 500'





K

SITE

INQUIRY #: 3605343.4

YEAR: 1975

| = 500'



13-3

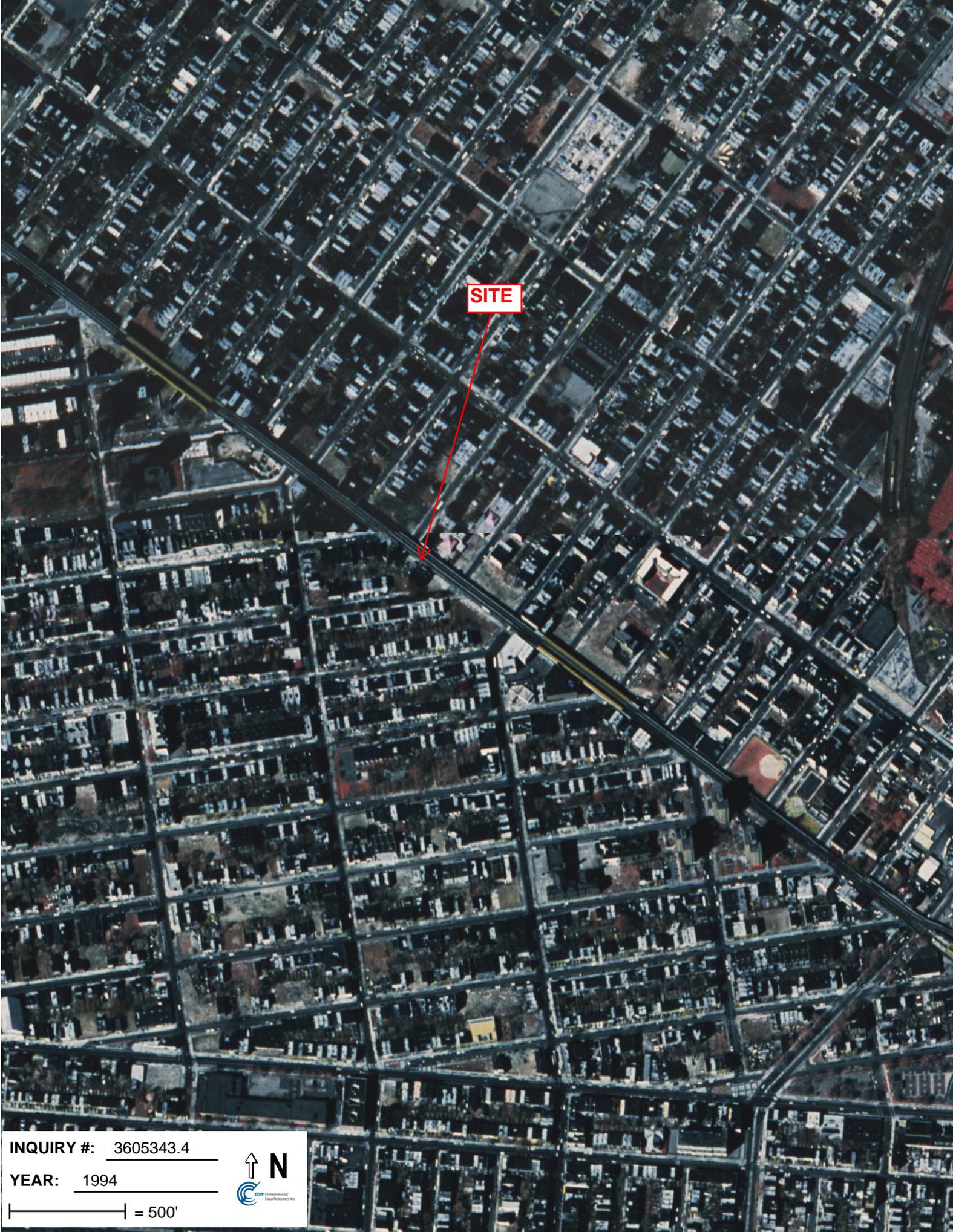
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YEAR: 1984

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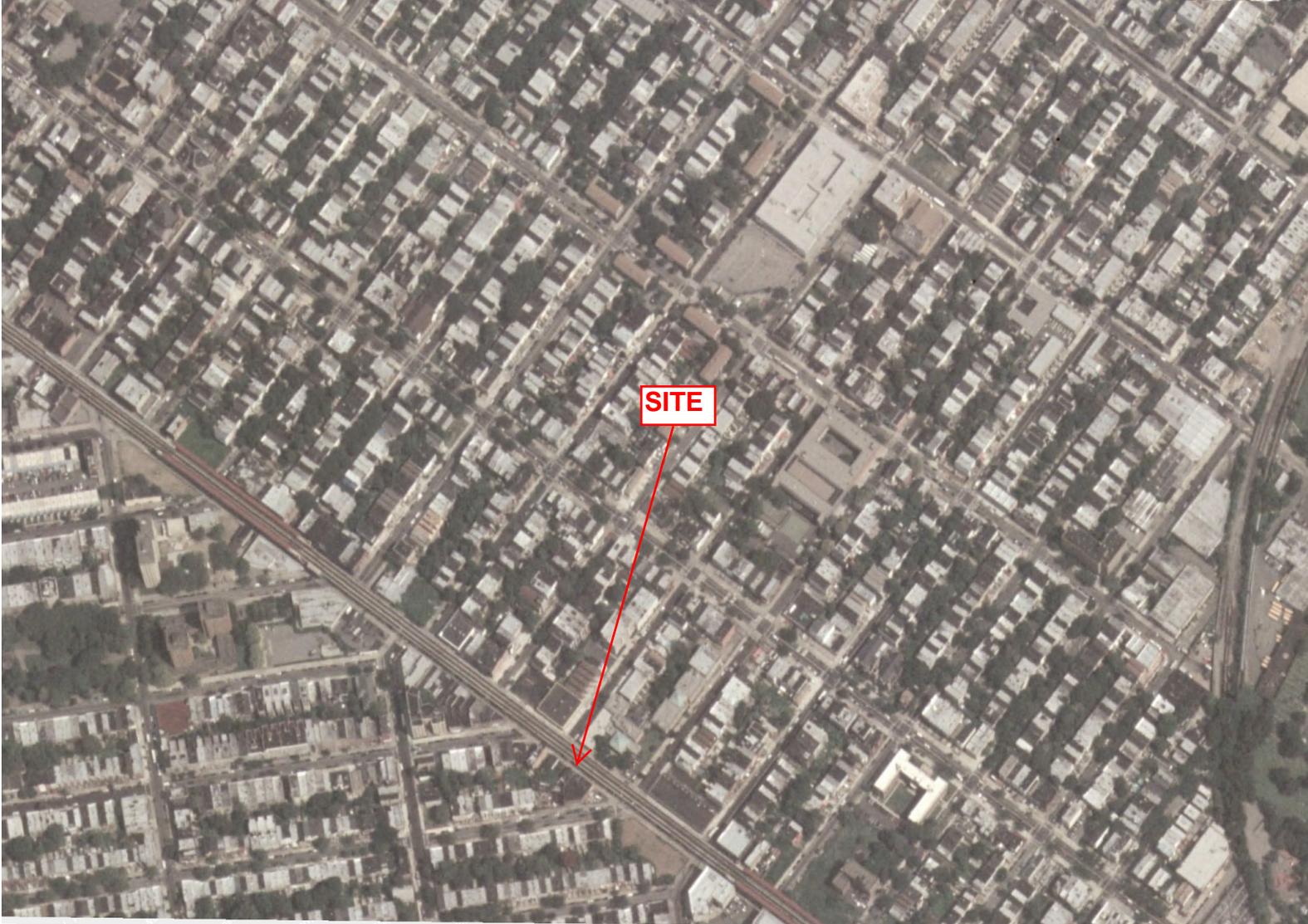
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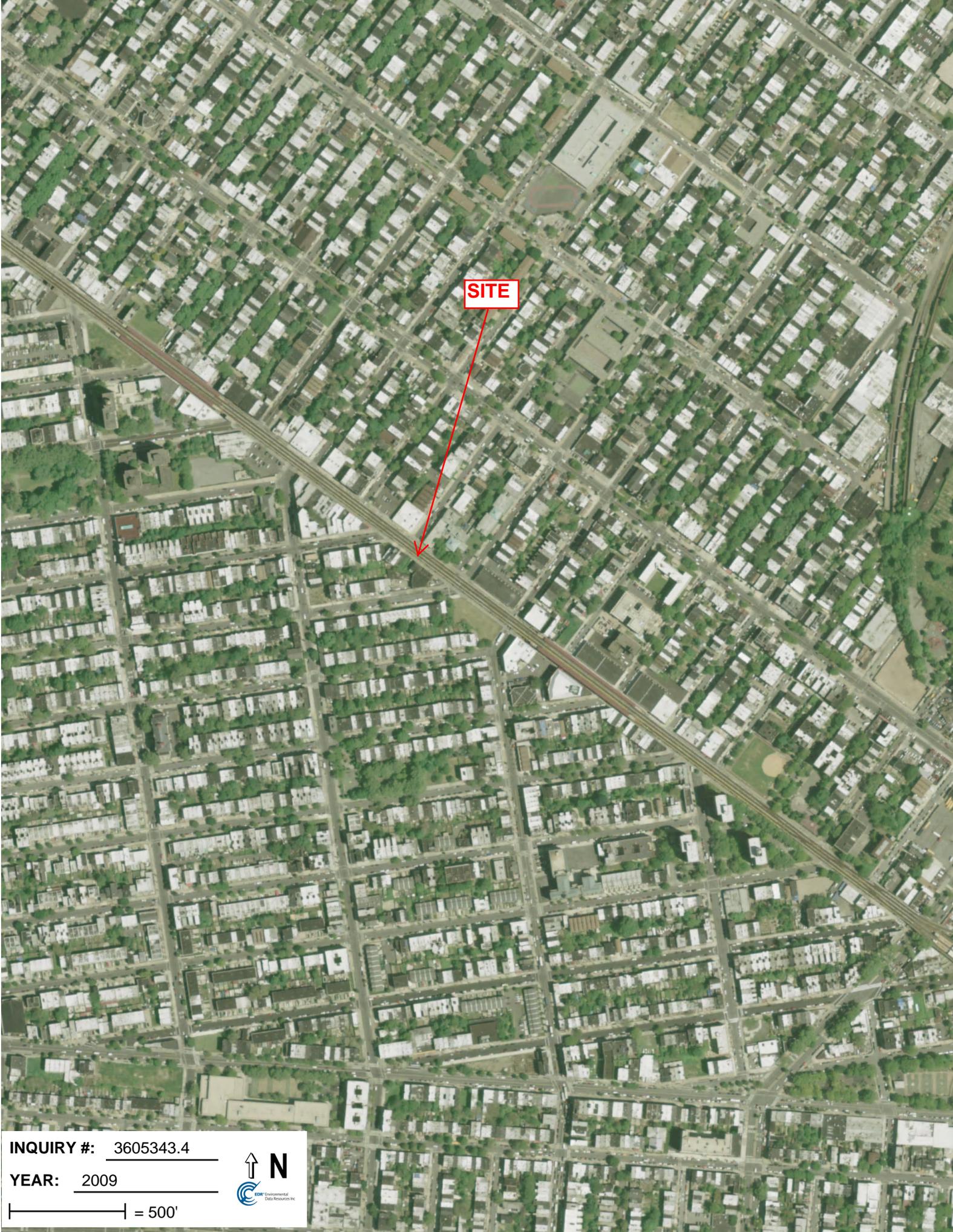


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YEAR: 2006

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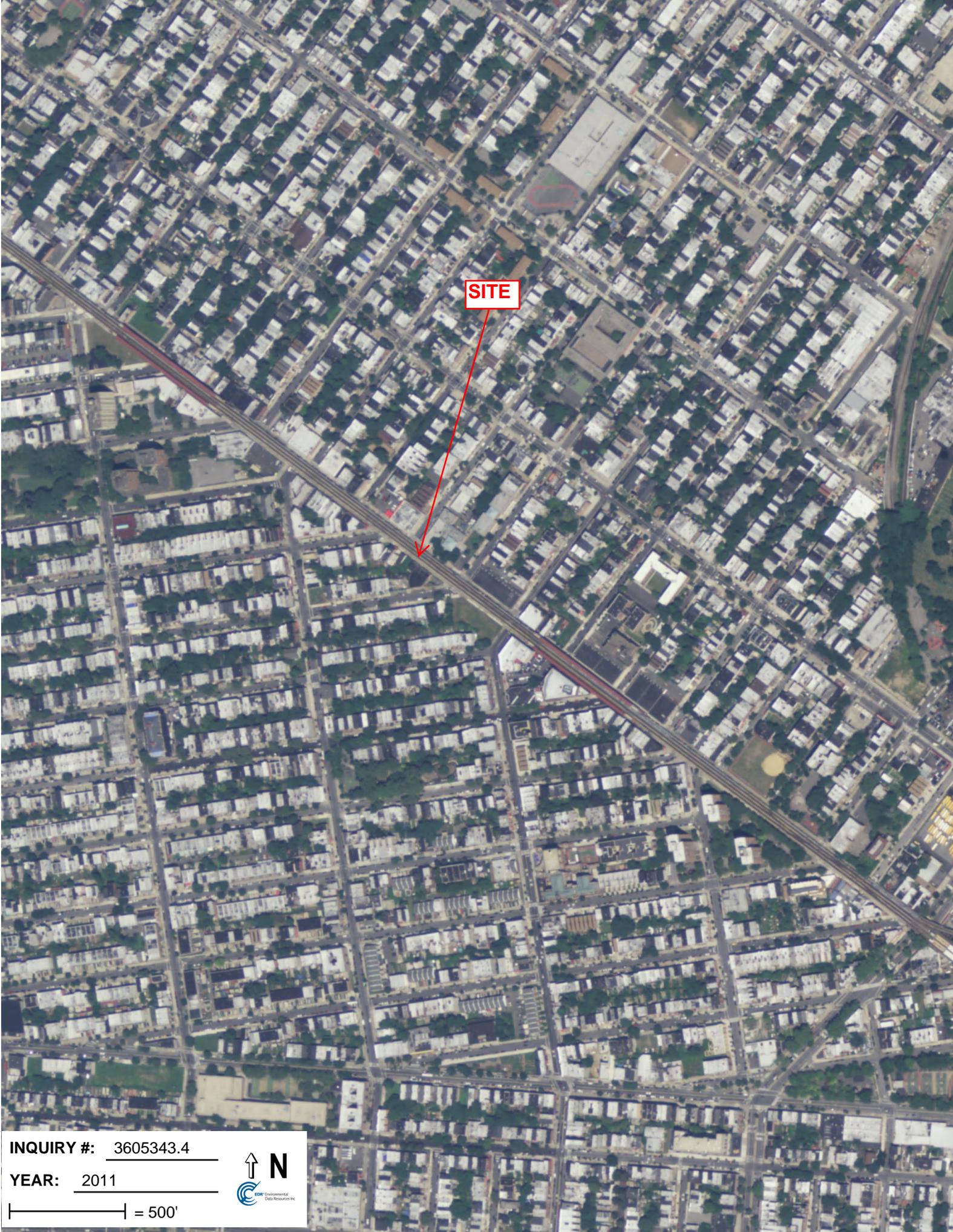
SITE

INQUIRY #: 3605343.4

YEAR: 2009

| = 500'





SITE

INQUIRY #: 3605343.4

YEAR: 2011

— = 500'



APPENDIX F

SANBORN MAPS



Broadway/Decatur St. Properties, Brooklyn

768-770 Decatur Street & 1696-1712 Broadway

Brooklyn, NY 11233

Inquiry Number: 3605343.2

May 14, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

5/14/13

Site Name:

Broadway/Decatur St.
768-770 Decatur Street & 1696-
Brooklyn, NY 11233

Client Name:

Nelson, Pope & Voorhis LLC
572 Walt Whitman Road
Melville, NY 11747



EDR Inquiry # 3605343.2

Contact: Steven McGinn

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Nelson, Pope & Voorhis LLC were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Broadway/Decatur St. Properties, Brooklyn
Address: 768-770 Decatur Street & 1696-1712
City, State, Zip: Brooklyn, NY 11233
Cross Street:
P.O. # 13110
Project: Broadway/Decatur St. Brooklyn
Certification # 11E4-45B8-9B95



Sanborn® Library search results
Certification # 11E4-45B8-9B95

Maps Provided:

2007	2001	1987	1965	1888
2006	1995	1982	1962	
2005	1993	1980	1951	
2004	1992	1979	1932	
2003	1991	1978	1908	
2002	1988	1976	1907	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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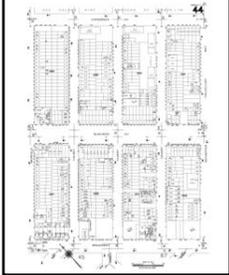
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Sanborn Sheet Thumbnails

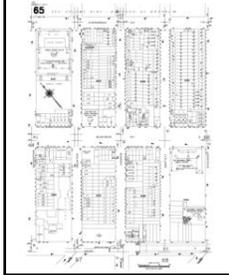
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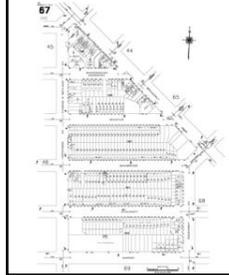
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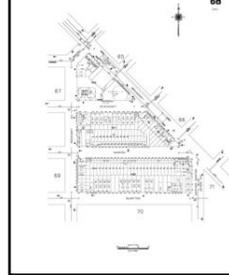
Volume 5, Sheet 44



Volume 5, Sheet 65



Volume 5, Sheet 67

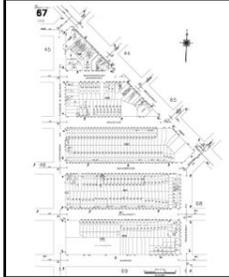


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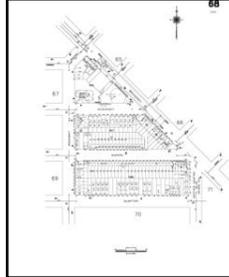
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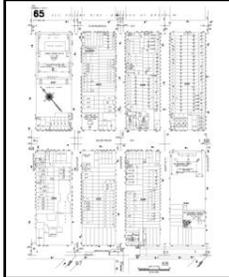


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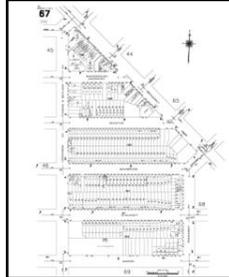
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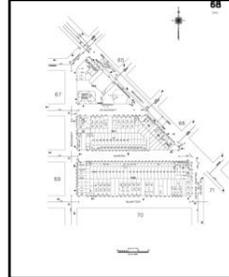
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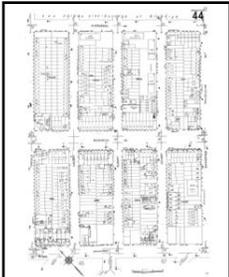


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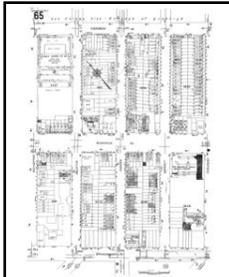


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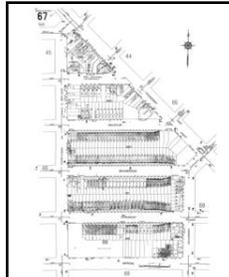
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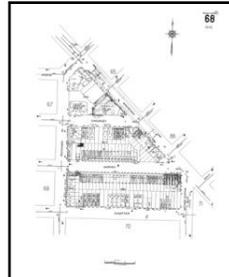
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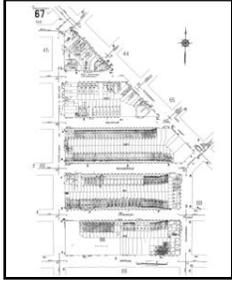


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2003 Source Sheets



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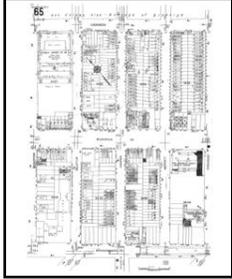


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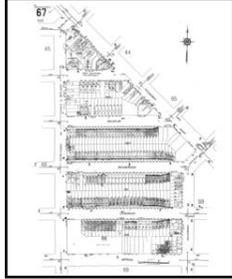
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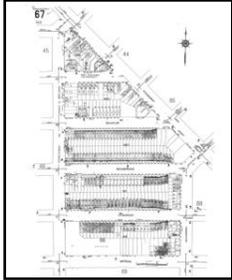


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2001 Source Sheets



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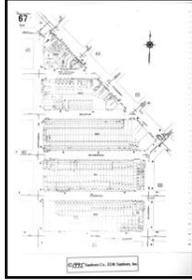
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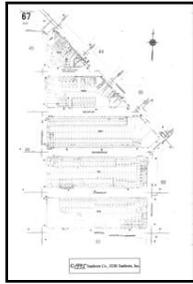
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Volume 5, Sheet 44



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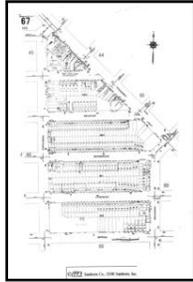


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1993 Source Sheets



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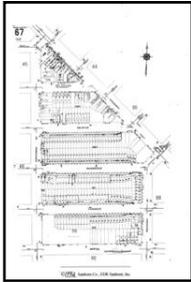


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1992 Source Sheets



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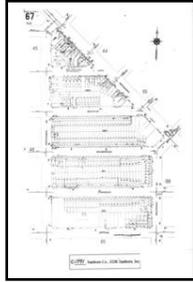


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1991 Source Sheets



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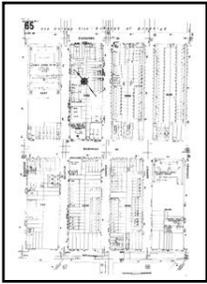


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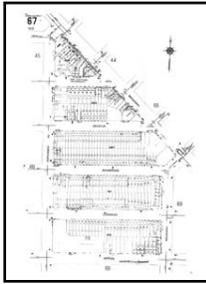


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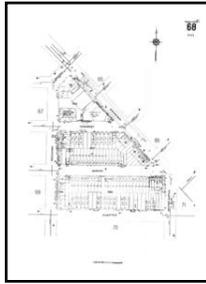
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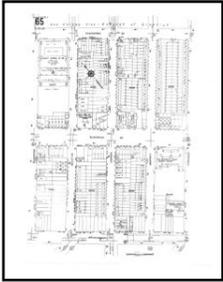


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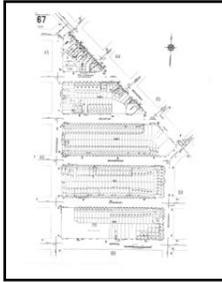


Volume 5, Sheet 68

1987 Source Sheets



Volume 5, Sheet 65

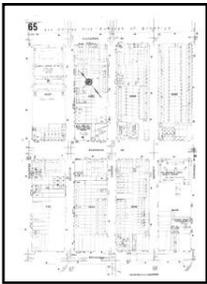


Volume 5, Sheet 67

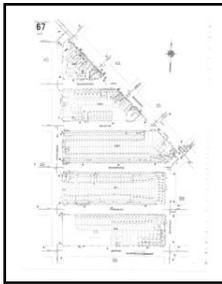


Volume 5, Sheet 68

1982 Source Sheets



Volume 5, Sheet 65



Volume 5, Sheet 67



Volume 5, Sheet 68

1980 Source Sheets



Volume 5, Sheet 67



Volume 5, Sheet 68

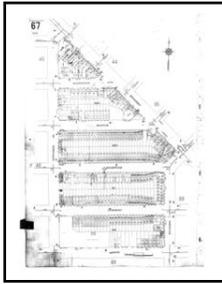


Volume 5, Sheet 65

1979 Source Sheets



Volume 5, Sheet 65

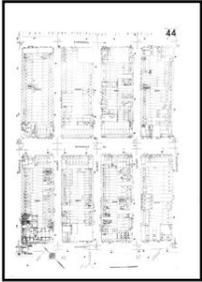


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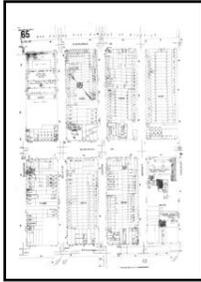


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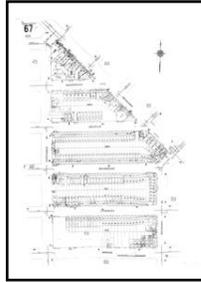
1978 Source Sheets



Volume 5, Sheet 44



Volume 5, Sheet 65



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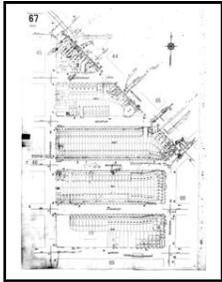


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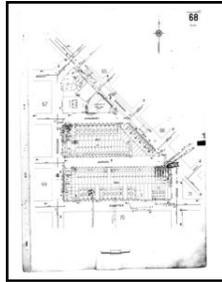
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Volume 5, Sheet 65

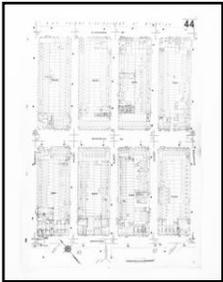


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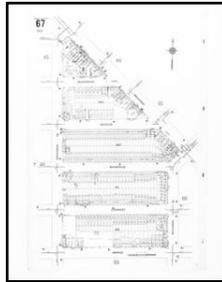
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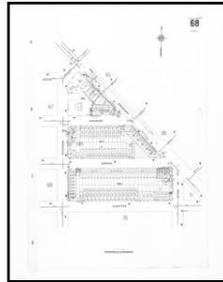
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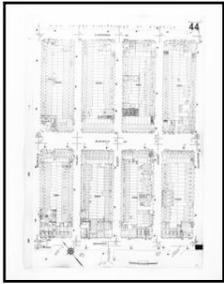


Volume 5, Sheet 67

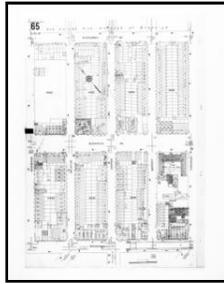


Volume 5, Sheet 68

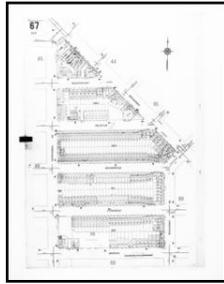
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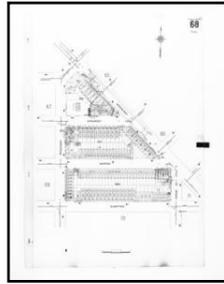
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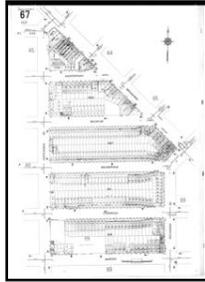


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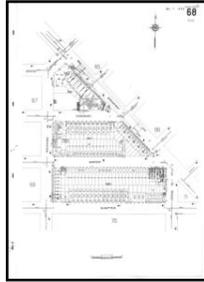
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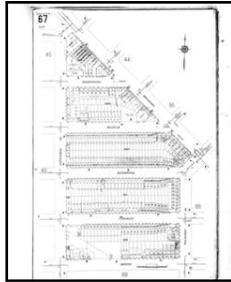


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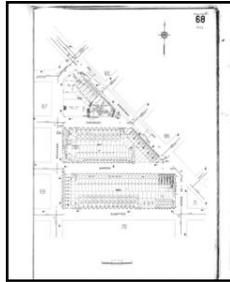
1932 Source Sheets



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Volume 5, Sheet 44

1908 Source Sheets



Volume 5, Sheet 43



Volume 5, Sheet 44

1907 Source Sheets



Volume 9, Sheet 11

1888 Source Sheets



Volume 5, Sheet 122



Volume 5, Sheet 124



Volume 9, Sheet 263



Volume 9, Sheet 264

2007 Certified Sanborn Map



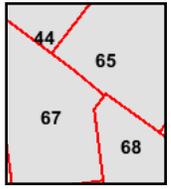
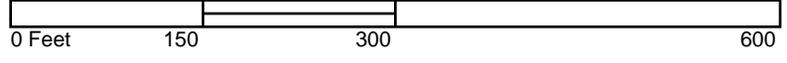
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2006 Certified Sanborn Map

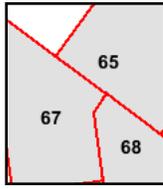
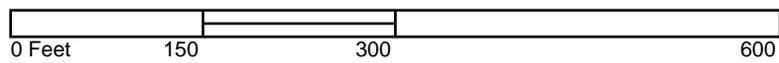


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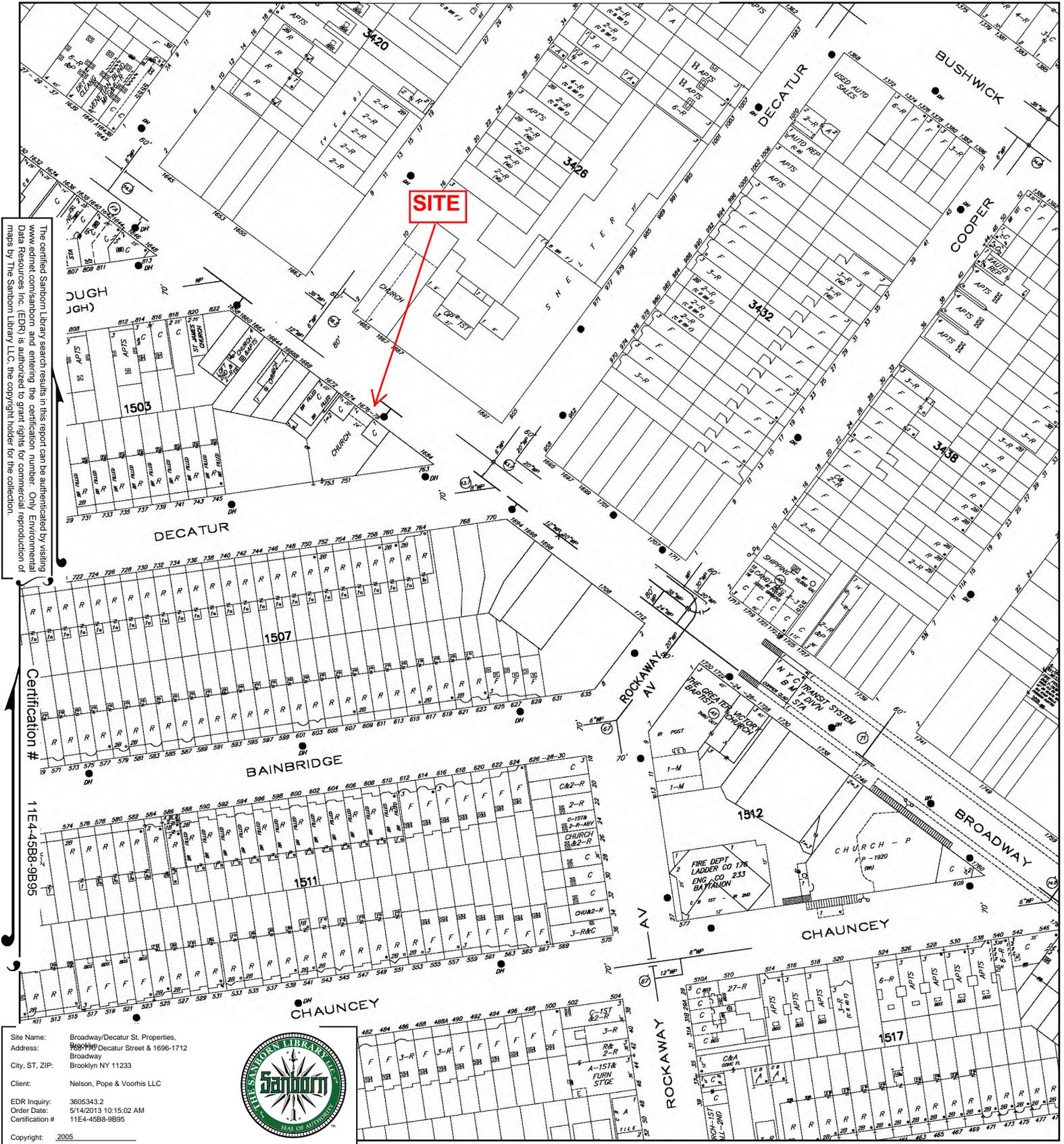
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2005 Certified Sanborn Map

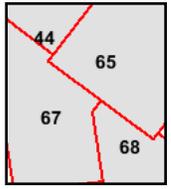
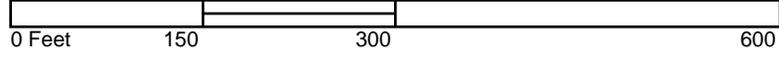


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2004 Certified Sanborn Map

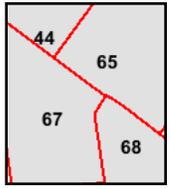
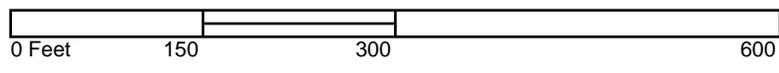


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2003 Certified Sanborn Map

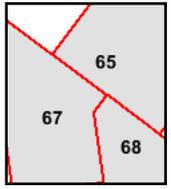
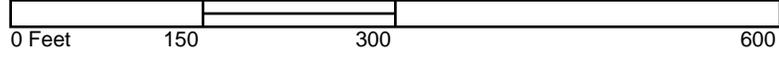


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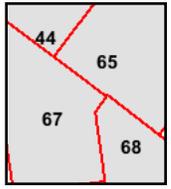
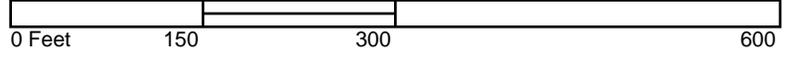
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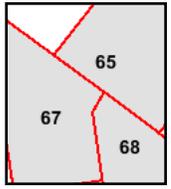
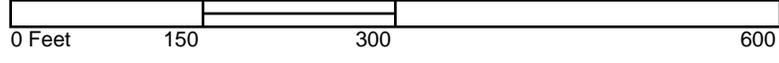
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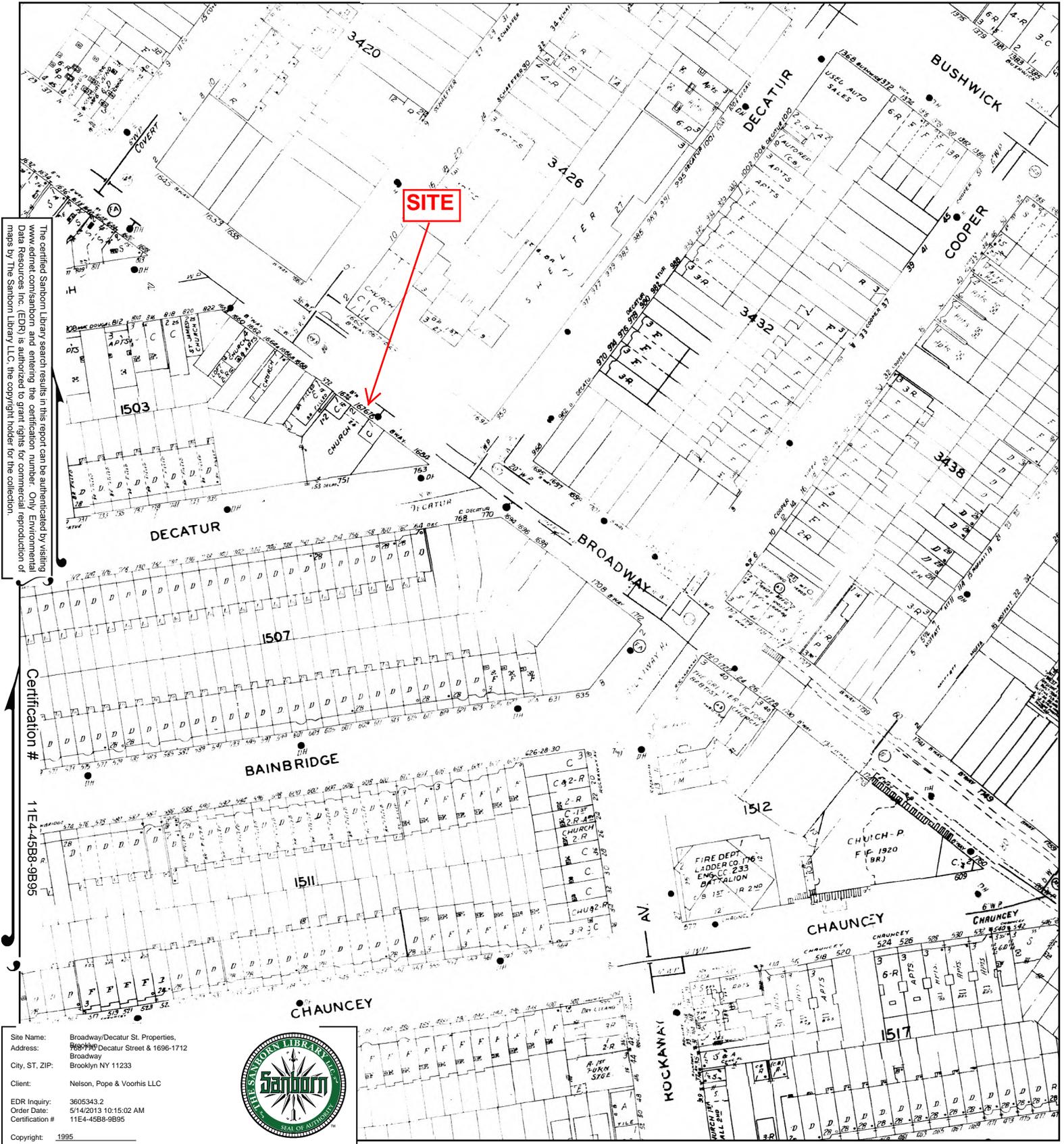
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1995 Certified Sanborn Map



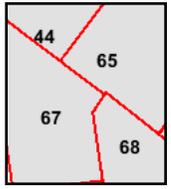
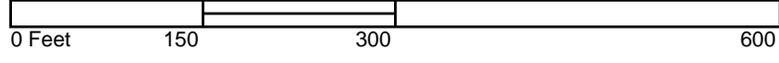
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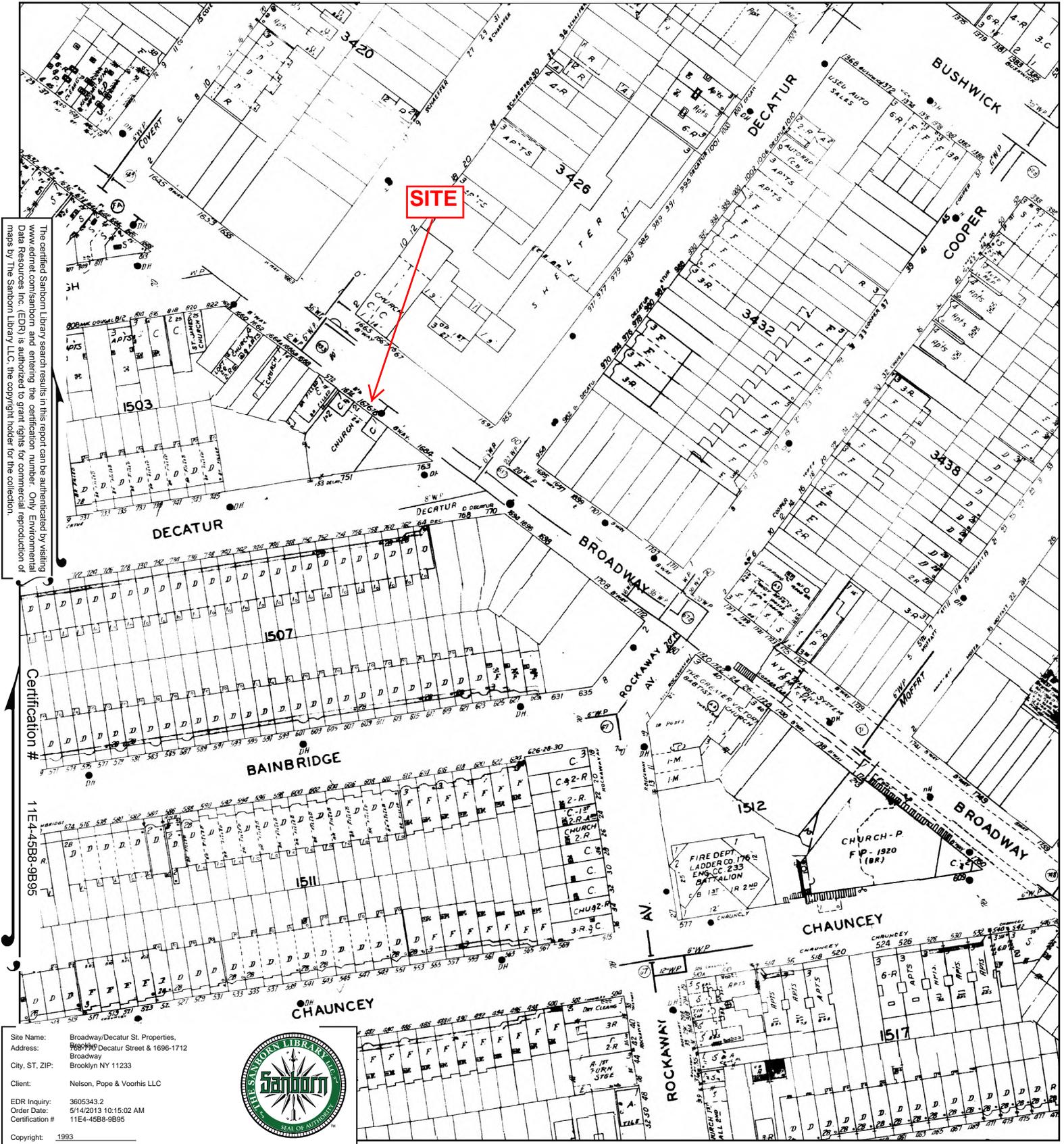
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1993 Certified Sanborn Map



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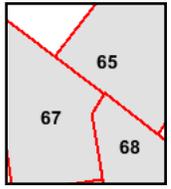
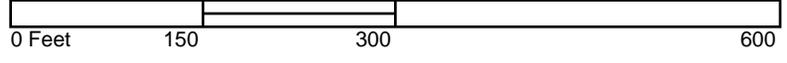
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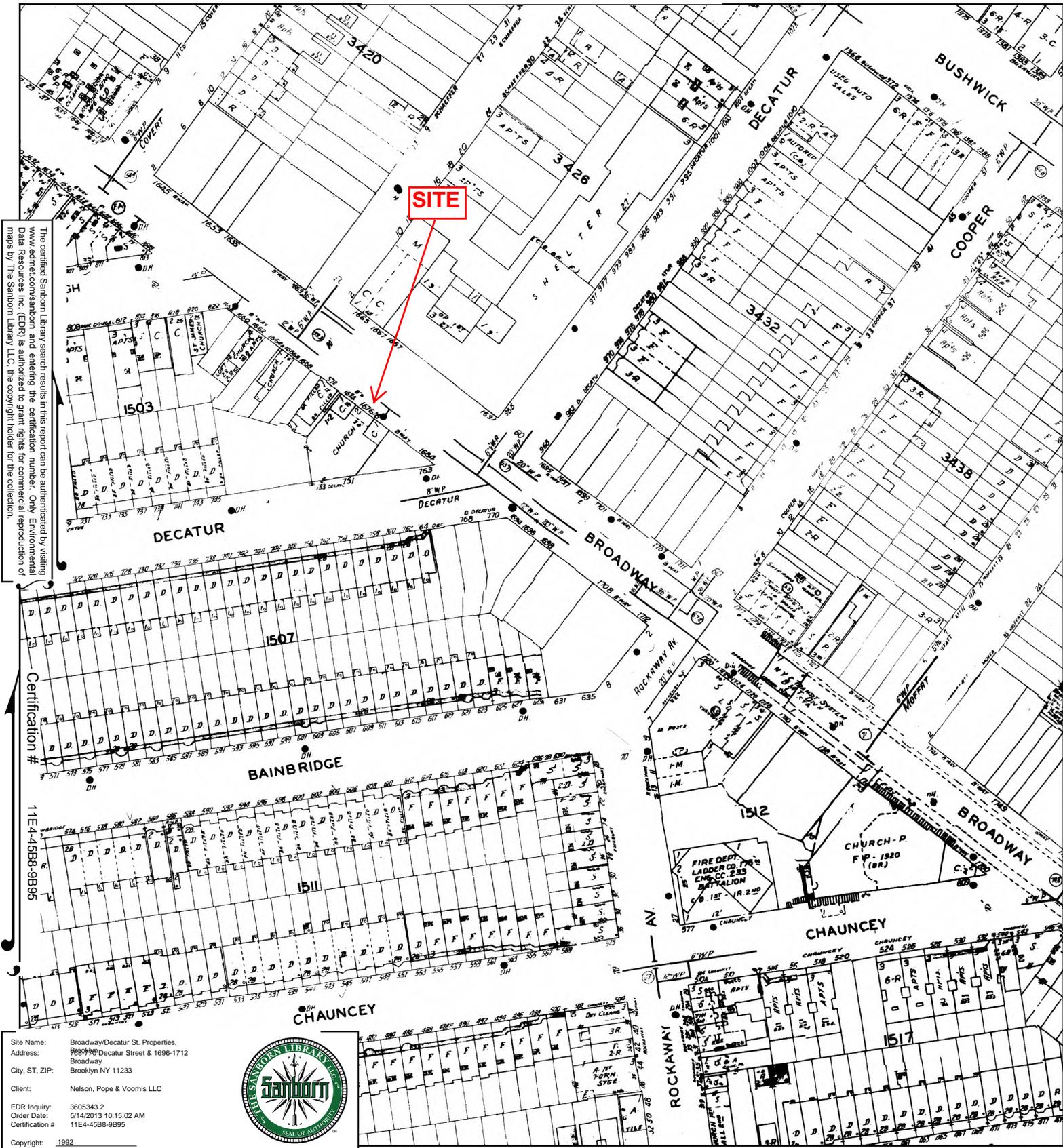
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1992 Certified Sanborn Map



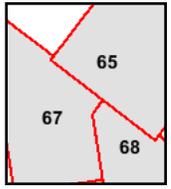
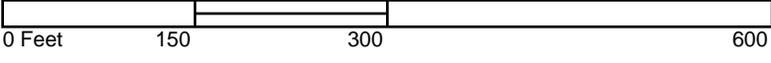
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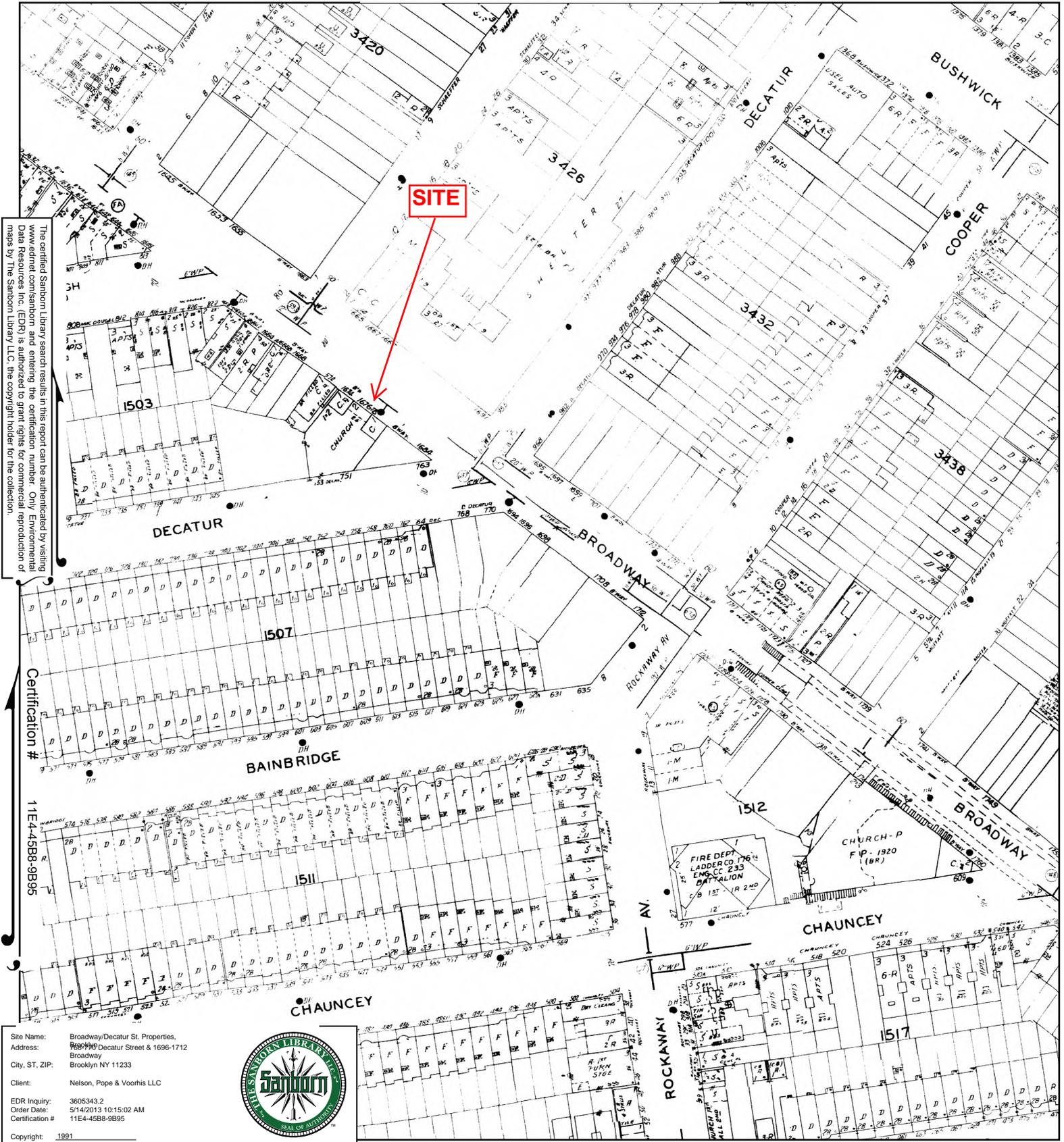
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1991 Certified Sanborn Map



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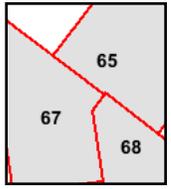
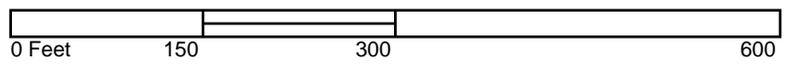
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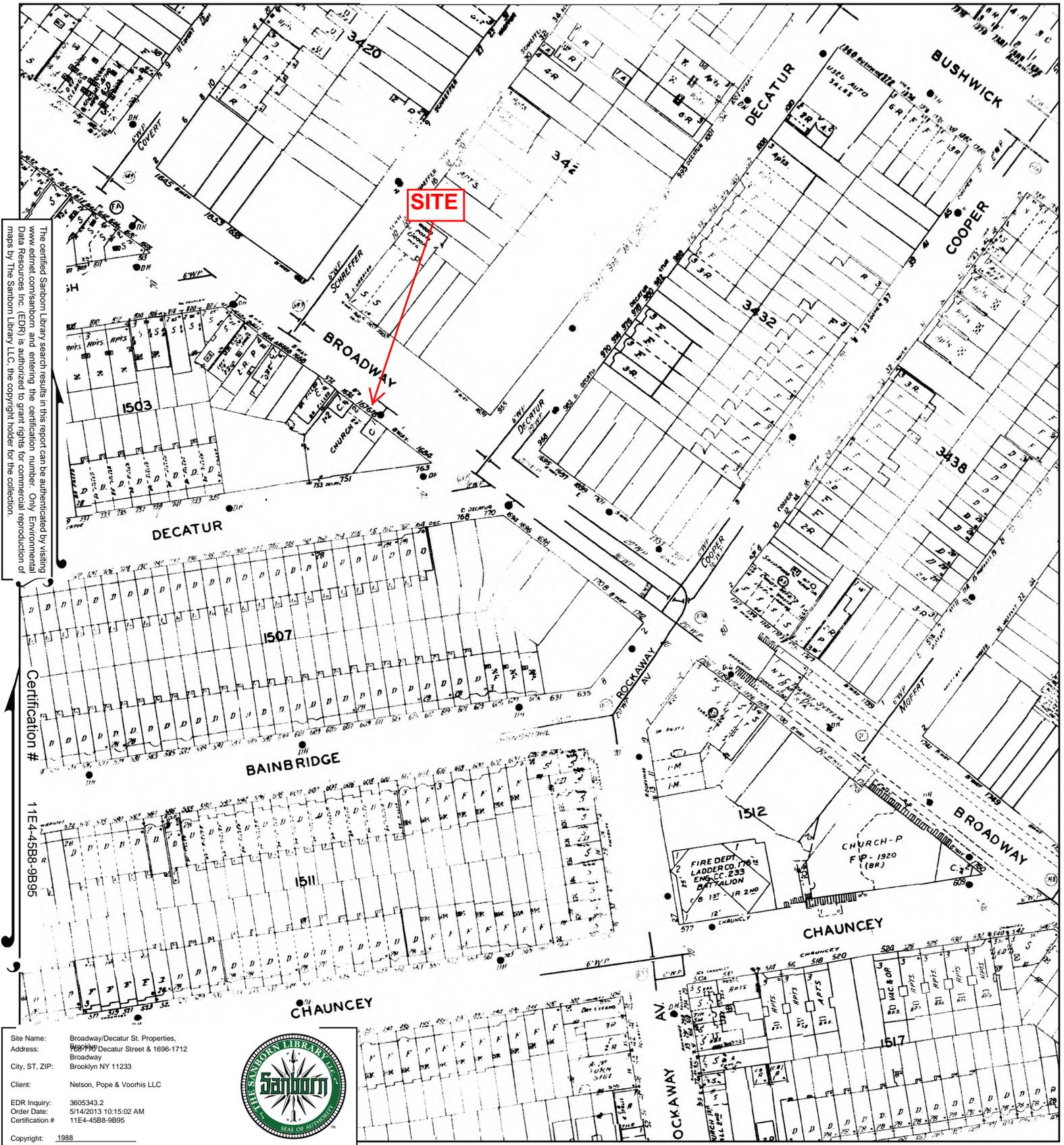
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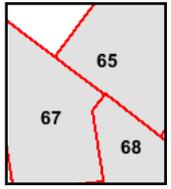
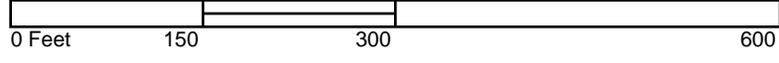


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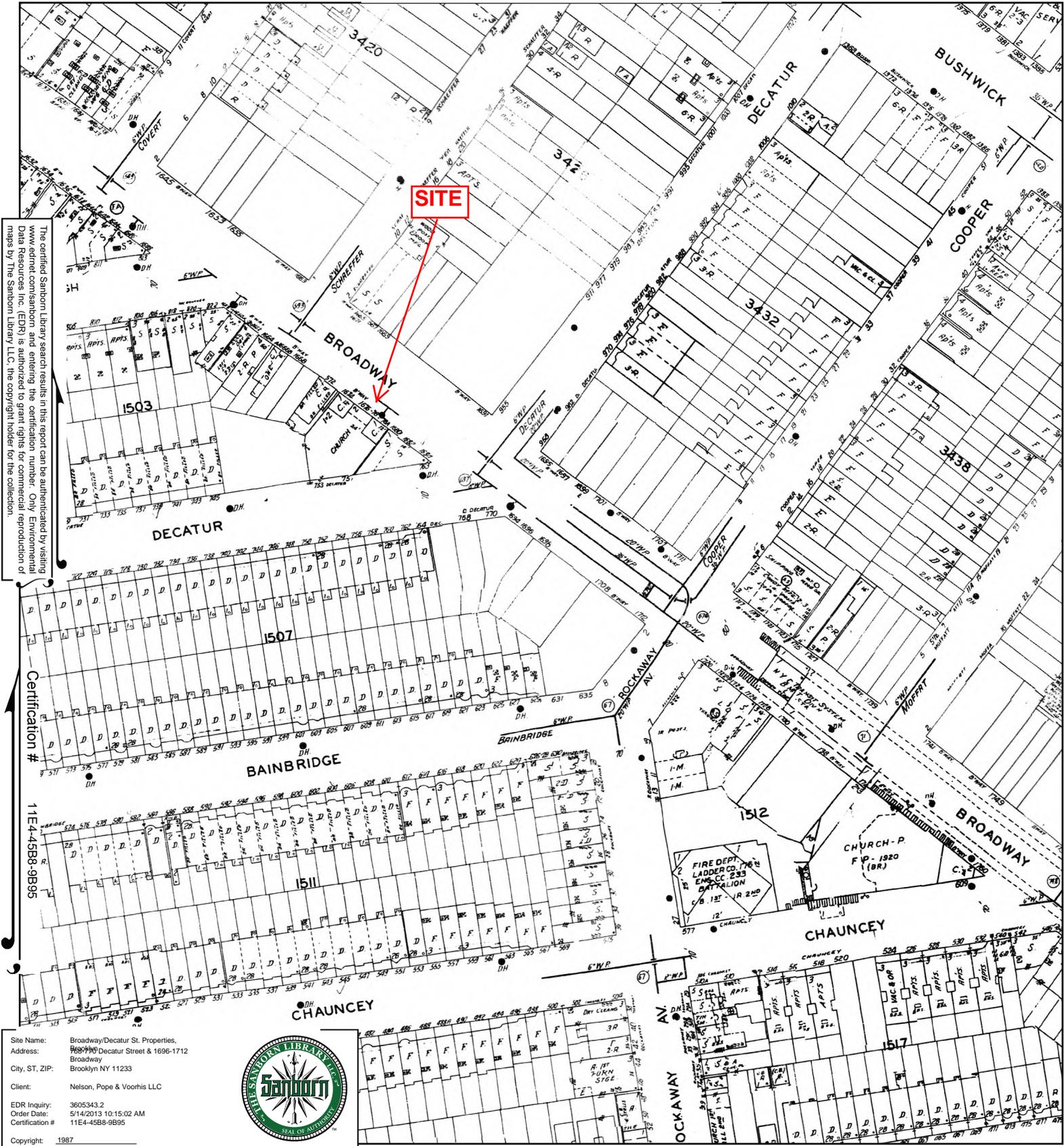
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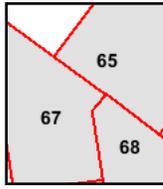
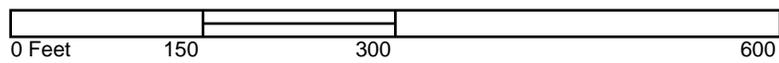


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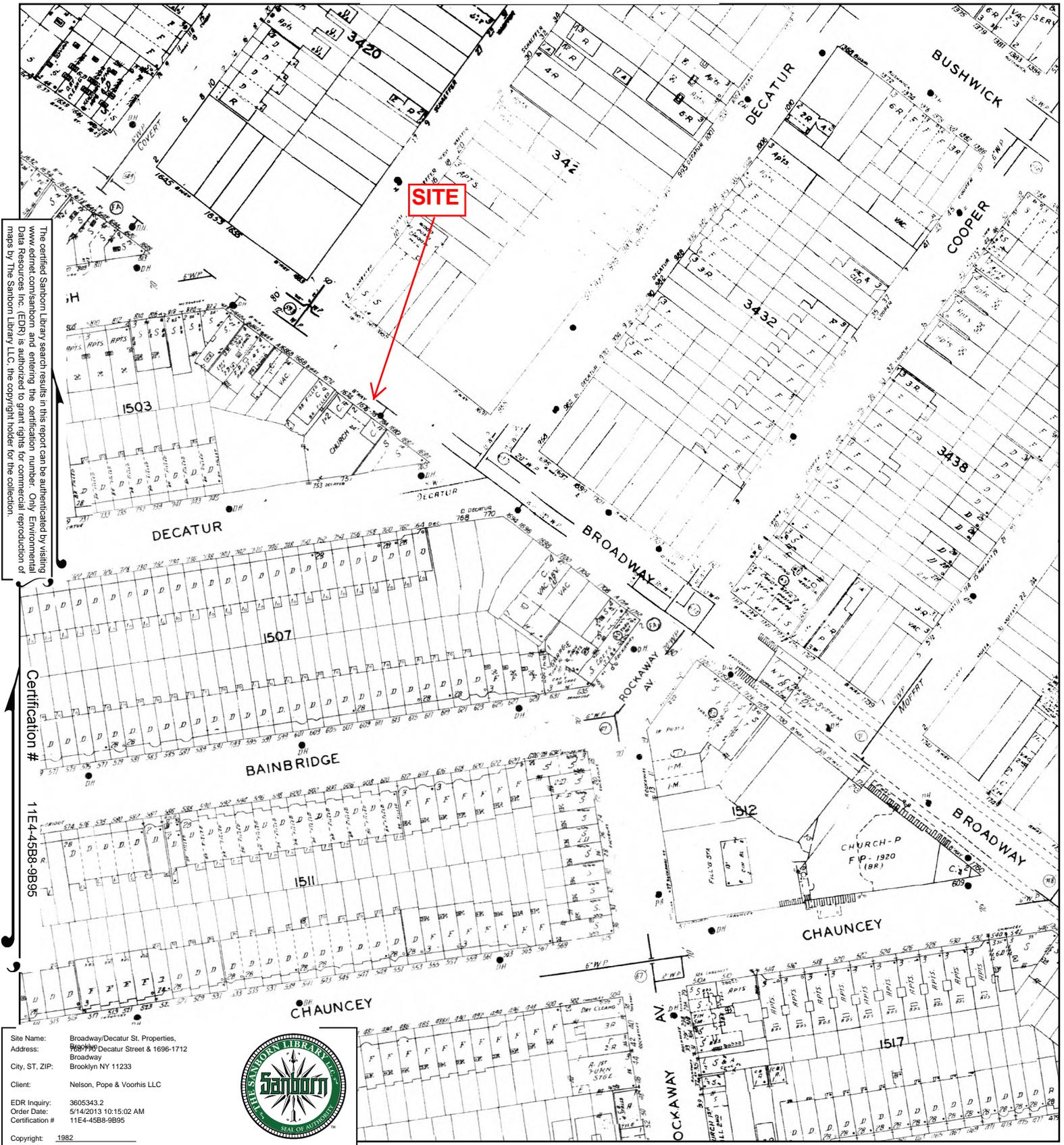
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1982 Certified Sanborn Map

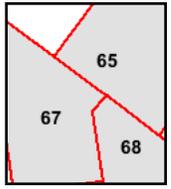
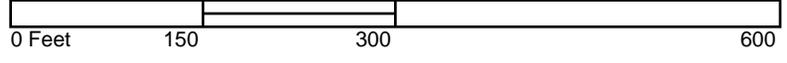


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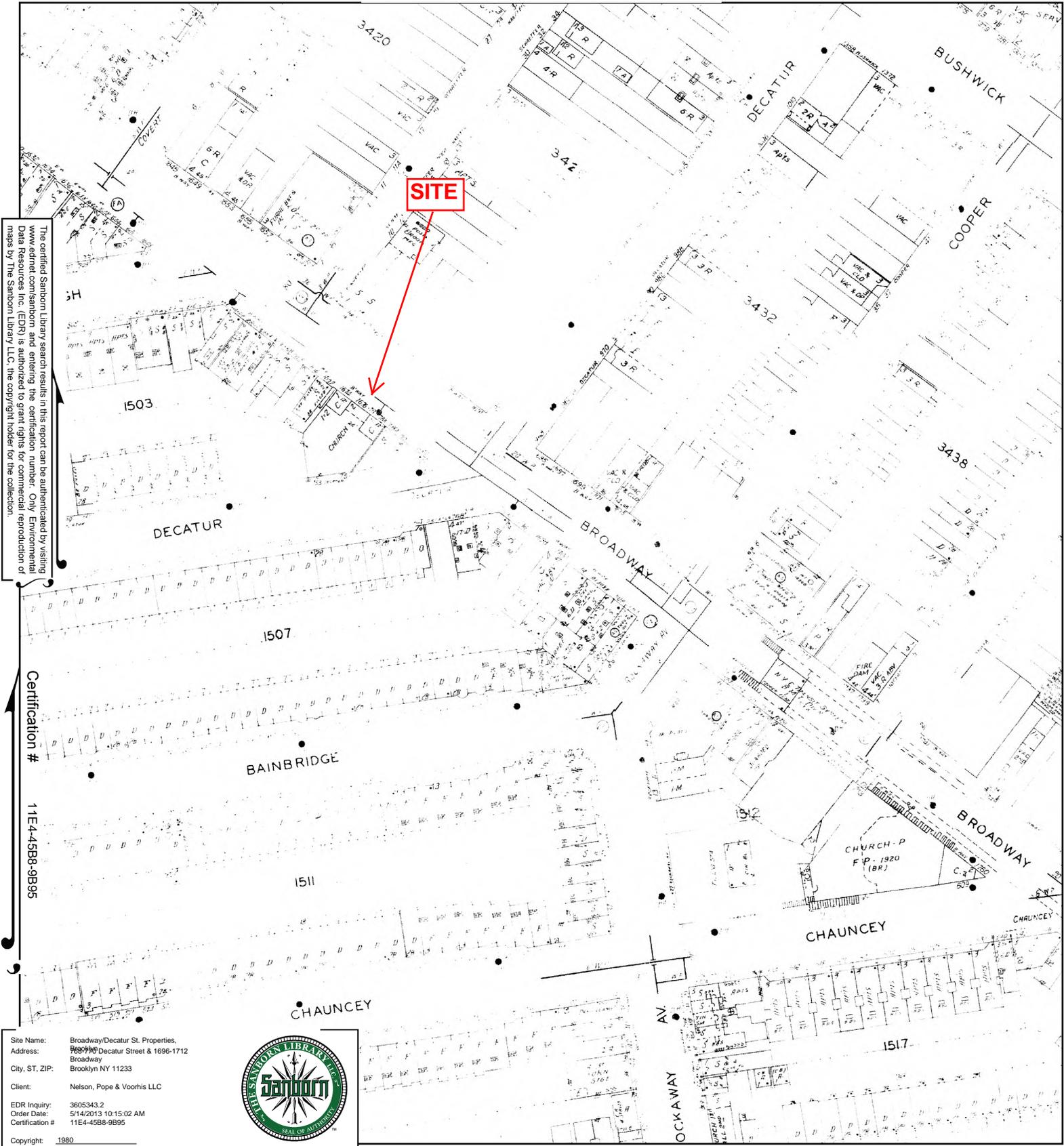
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 Volume 5, Sheet 68



1980 Certified Sanborn Map



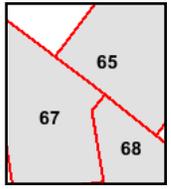
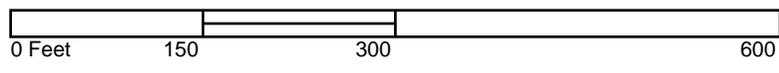
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Certification # 11E4-45B8-9B95

Site Name: Broadway/Decatur St. Properties.
 Address: 1696-1712 Decatur Street & 1696-1712 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
 Certification # 11E4-45B8-9B95



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Volume 5, Sheet 67
 Volume 5, Sheet 68
 Volume 5, Sheet 65



1979 Certified Sanborn Map



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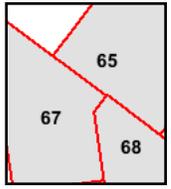
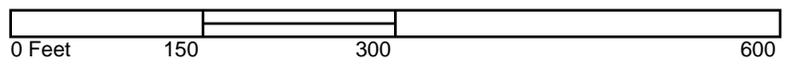
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Site Name: Broadway/Decatur St. Properties.
Address: 1690-1712 Decatur Street & 1696-1712 Broadway
City, ST, ZIP: Brooklyn NY 11233
Client: Nelson, Pope & Voorhis LLC
EDR Inquiry: 3605343.2
Order Date: 5/14/2013 10:15:02 AM
Certification # 11E4-45B-9895



Copyright: 1979

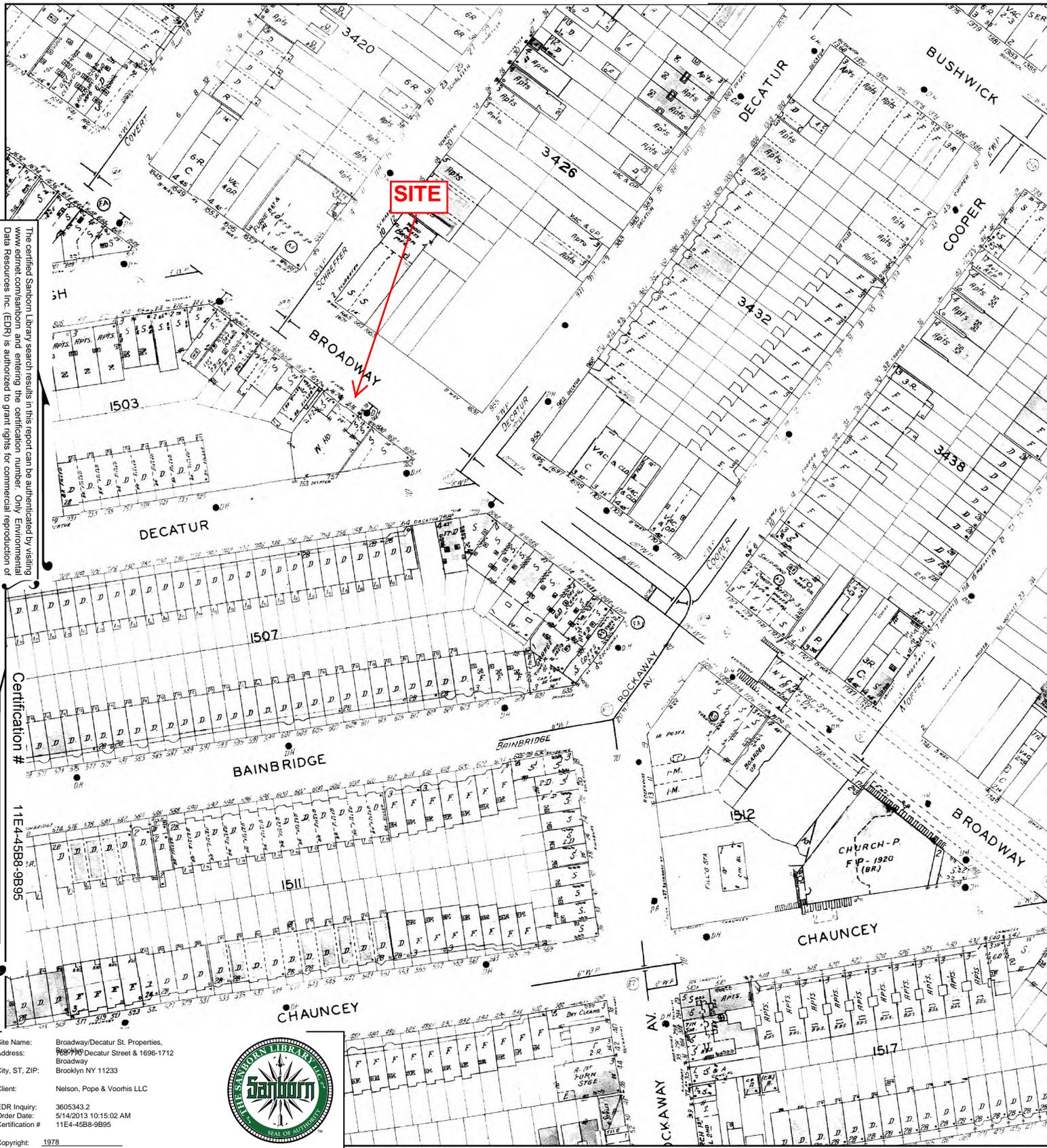
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Volume 5, Sheet 65
Volume 5, Sheet 67
Volume 5, Sheet 68



1978 Certified Sanborn Map



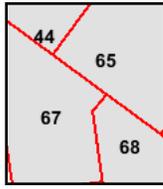
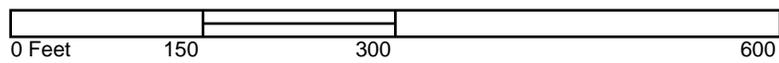
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Site Name: Broadway/Decatur St. Properties.
 Address: 1690 Broadway, Decatur Street & 1696-1712 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
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 Copyright: 1978



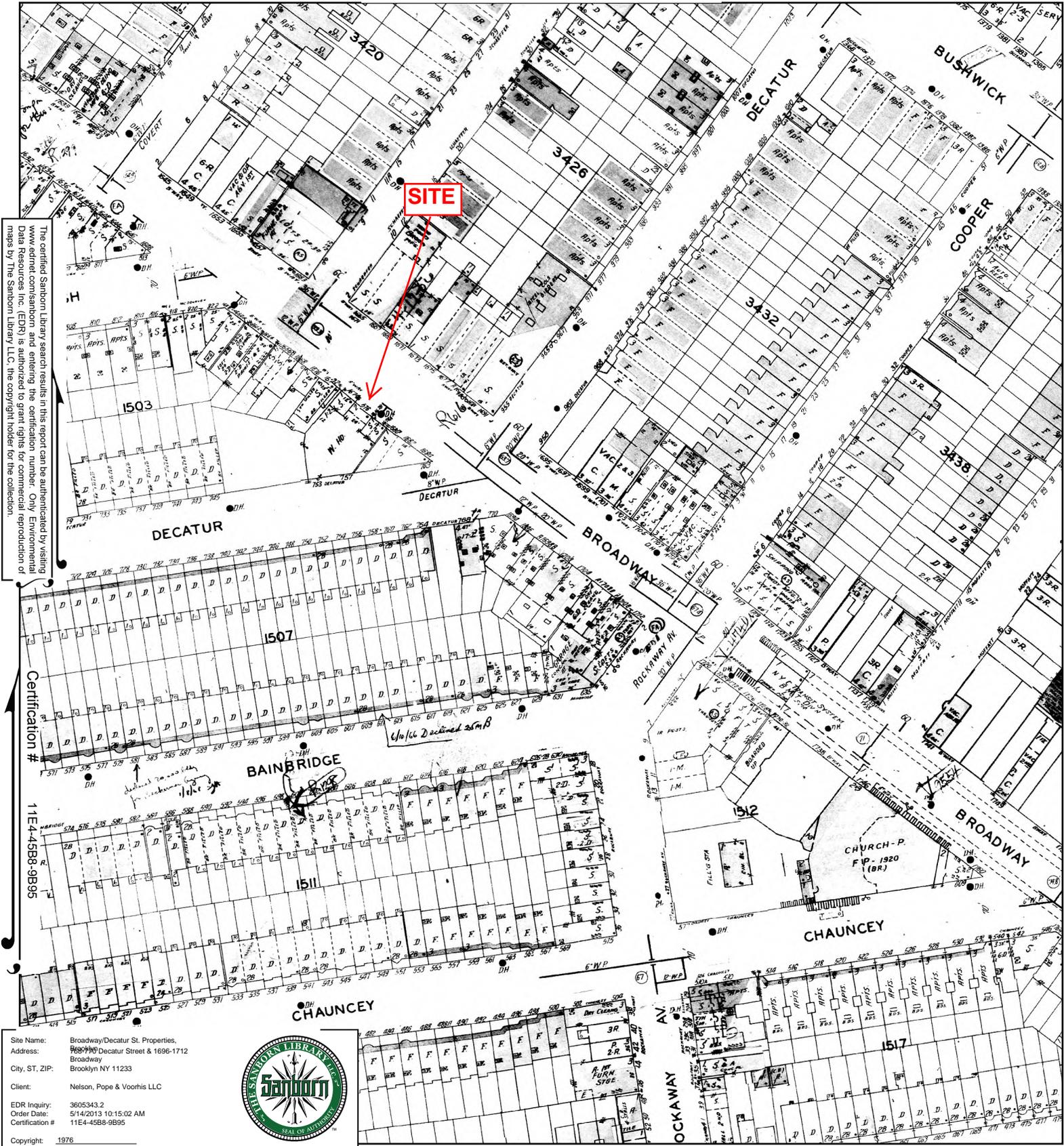
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- Volume 5, Sheet 44
- Volume 5, Sheet 65
- Volume 5, Sheet 67
- Volume 5, Sheet 68



1976 Certified Sanborn Map

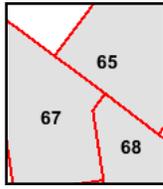
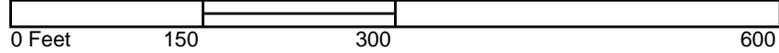


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 Address: 1696-1712 Decatur Street & 1696-1712 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
 Certification # 11E4-45B8-9B95



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 5, Sheet 65
 Volume 5, Sheet 67
 Volume 5, Sheet 68



1965 Certified Sanborn Map



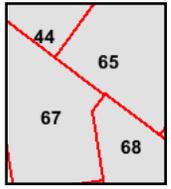
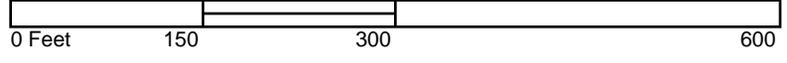
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11E4-45B8-9B95

Site Name: Broadway/Decatur St. Properties.
Address: 1690 Broadway
City, ST, ZIP: Brooklyn NY 11233
Client: Nelson, Pope & Voorhis LLC
EDR Inquiry: 3605343.2
Order Date: 5/14/2013 10:15:02 AM
Certification # 11E4-45B8-9B95



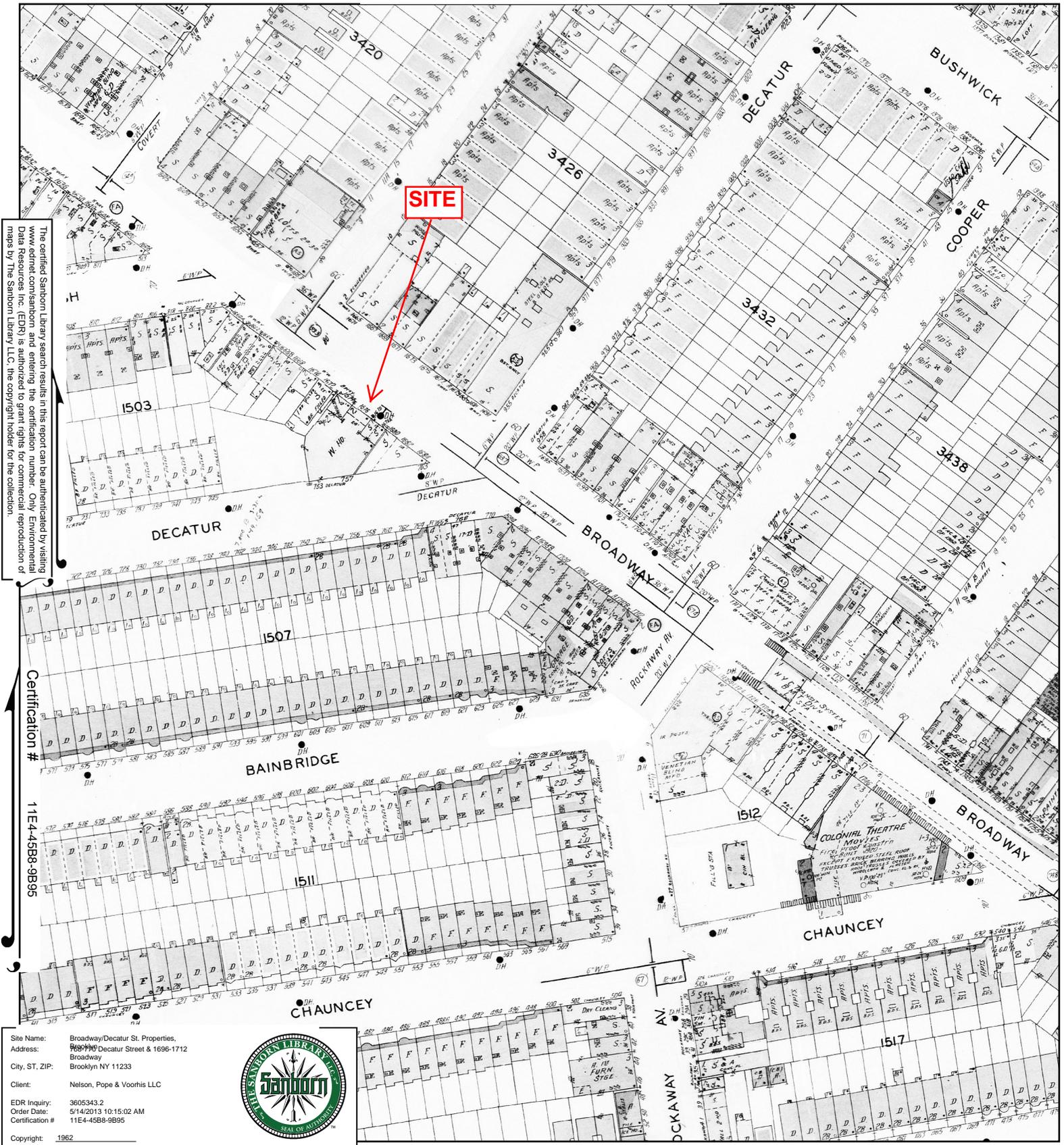
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



- Volume 5, Sheet 44
- Volume 5, Sheet 65
- Volume 5, Sheet 67
- Volume 5, Sheet 68



1962 Certified Sanborn Map



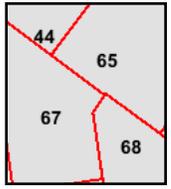
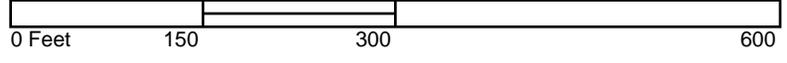
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Site Name: Broadway/Decatur St. Properties.
 Address: 1690 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
 Certification # 11E4-45B8-9B95



Copyright: 1962

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- Volume 5, Sheet 44
- Volume 5, Sheet 65
- Volume 5, Sheet 67
- Volume 5, Sheet 68



1951 Certified Sanborn Map

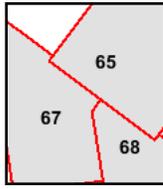
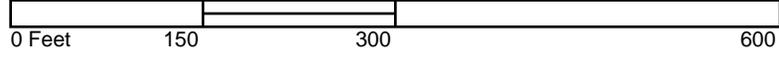


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Site Name: Broadway/Decatur St. Properties.
 Address: 1696 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
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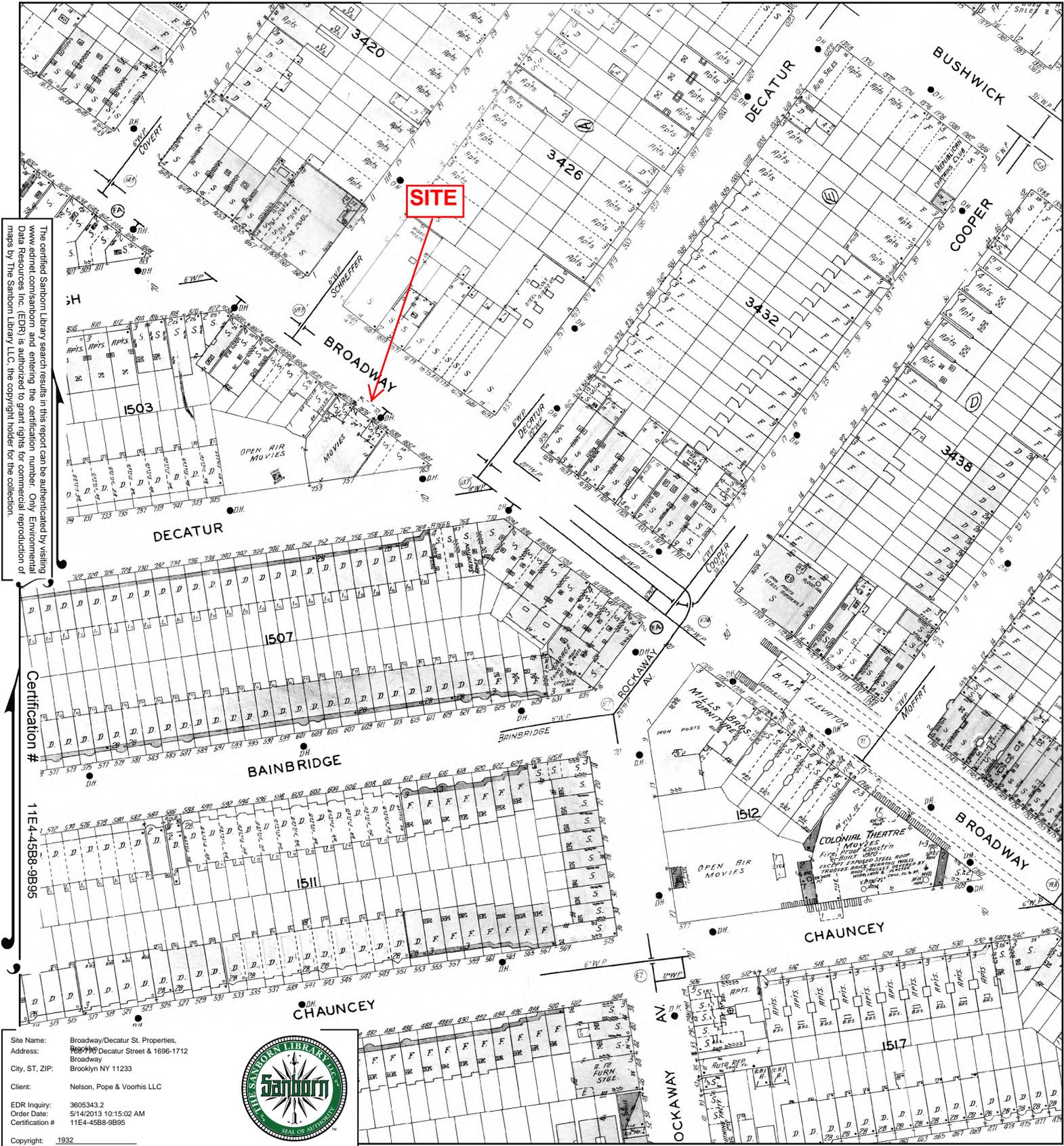
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Volume 5, Sheet 65
 Volume 5, Sheet 67
 Volume 5, Sheet 68



1932 Certified Sanborn Map



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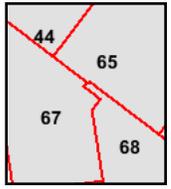
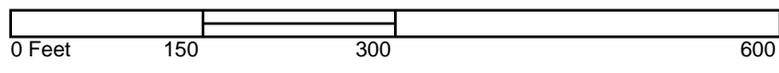
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Site Name: Broadway/Decatur St. Properties.
 Address: 1690 Broadway
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 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
 Certification # 11E4-45B8-9B95



Copyright: 1932

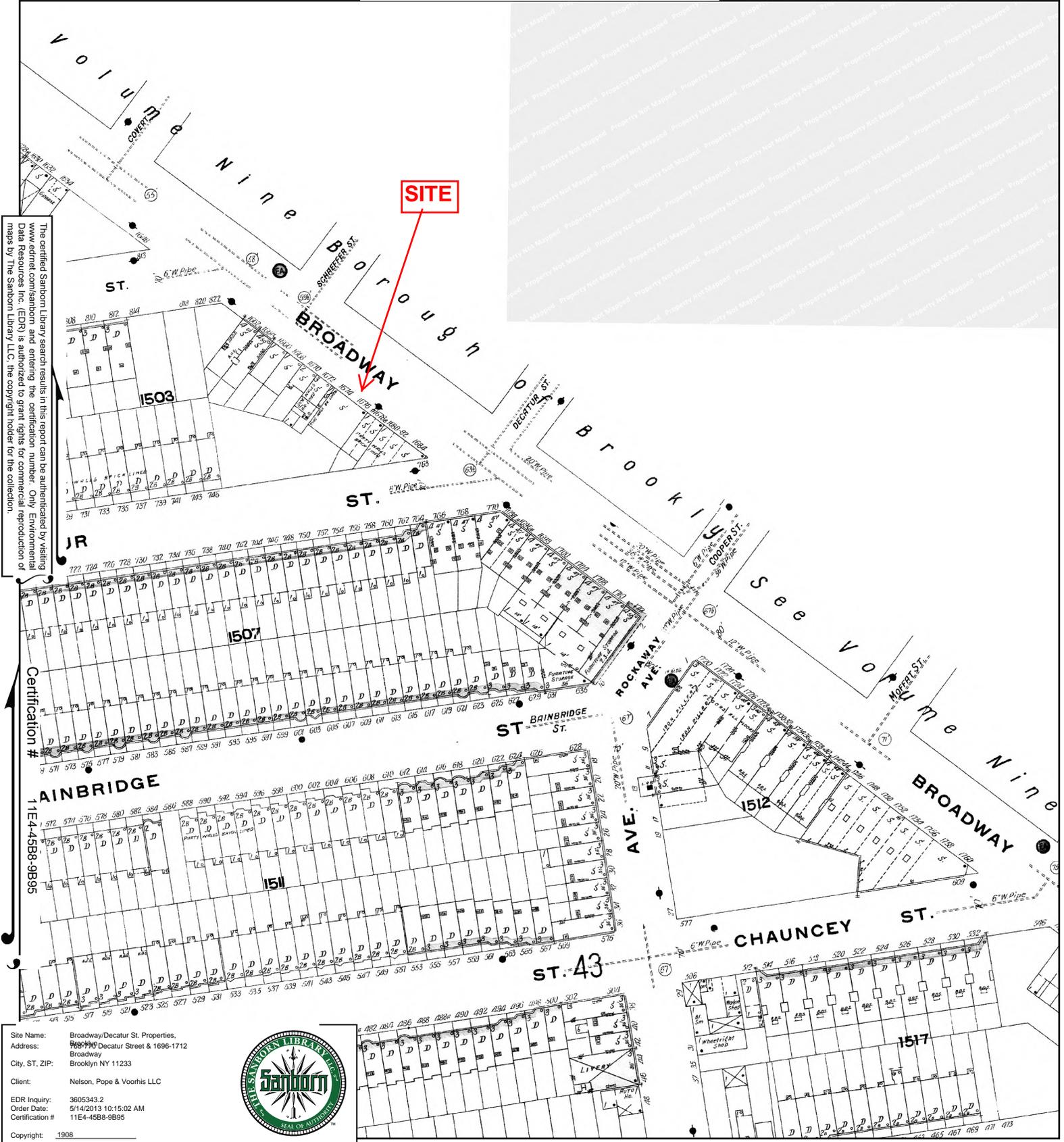
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 Outlined areas indicate map sheets within the collection.



- Volume 5, Sheet 65
- Volume 5, Sheet 67
- Volume 5, Sheet 68
- Volume 5, Sheet 44



1908 Certified Sanborn Map



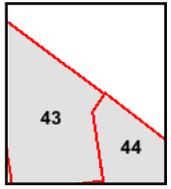
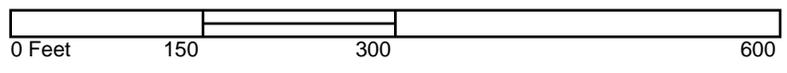
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Certification # 11E4-45B8-9B95

Site Name: Broadway/Decatur St. Properties.
 Address: 1698 Broadway Decatur Street & 1696-1712 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
 Certification # 11E4-45B8-9B95
 Copyright: 1908



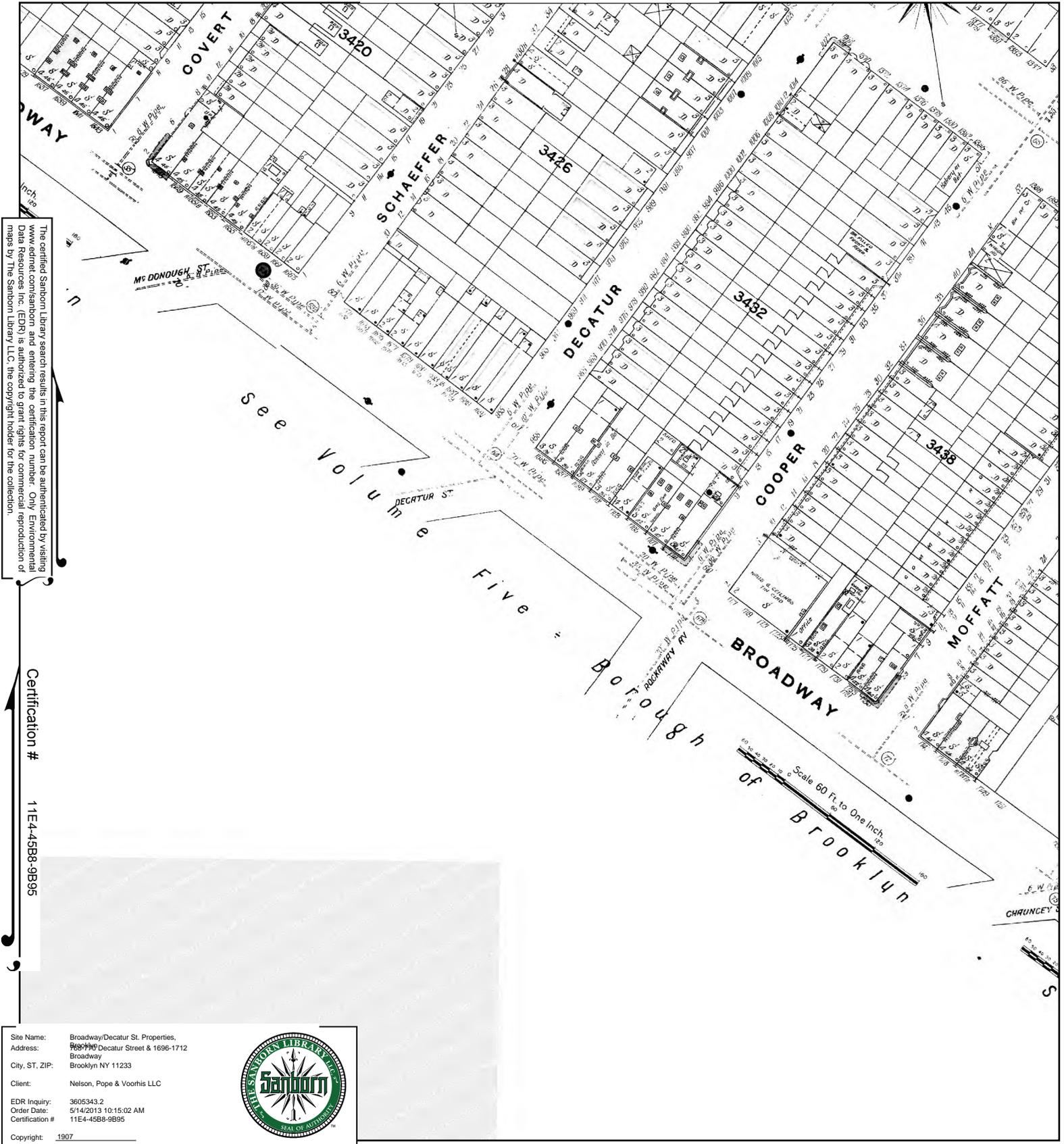
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Volume 5, Sheet 43
 Volume 5, Sheet 44



1907 Certified Sanborn Map

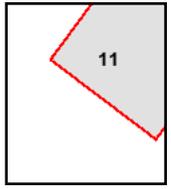


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Certification # 11E4-45B8-9B95

Site Name:	Broadway/Decatur St. Properties.
Address:	1696-1712 Decatur Street & 1696-1712 Broadway
City, ST, ZIP:	Brooklyn NY 11233
Client:	Nelson, Pope & Voorhis LLC
EDR Inquiry:	3605343.2
Order Date:	5/14/2013 10:15:02 AM
Certification #	11E4-45B8-9B95
Copyright:	1907

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 11



1888 Certified Sanborn Map



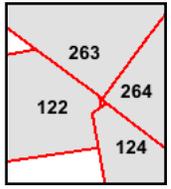
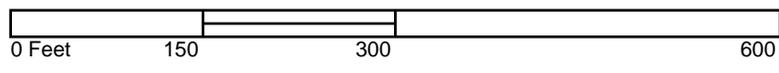
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Site Name: Broadway/Decatur St. Properties,
 Address: 1690 Broadway, Decatur Street & 1696-1712 Broadway
 City, ST, ZIP: Brooklyn NY 11233
 Client: Nelson, Pope & Voorhis LLC
 EDR Inquiry: 3605343.2
 Order Date: 5/14/2013 10:15:02 AM
 Certification # 11E4-45B8-9B95
 Copyright: 1888



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 5, Sheet 122
- Volume 5, Sheet 124
- Volume 9, Sheet 263
- Volume 9, Sheet 264



APPENDIX G

USGS TOPOGRAPHIC MAPS



Broadway/Decatur St. Properties, Brooklyn

768-770 Decatur Street & 1696-1712 Broadway

Brooklyn, NY 11233

Inquiry Number: 3605343.1

May 14, 2013

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

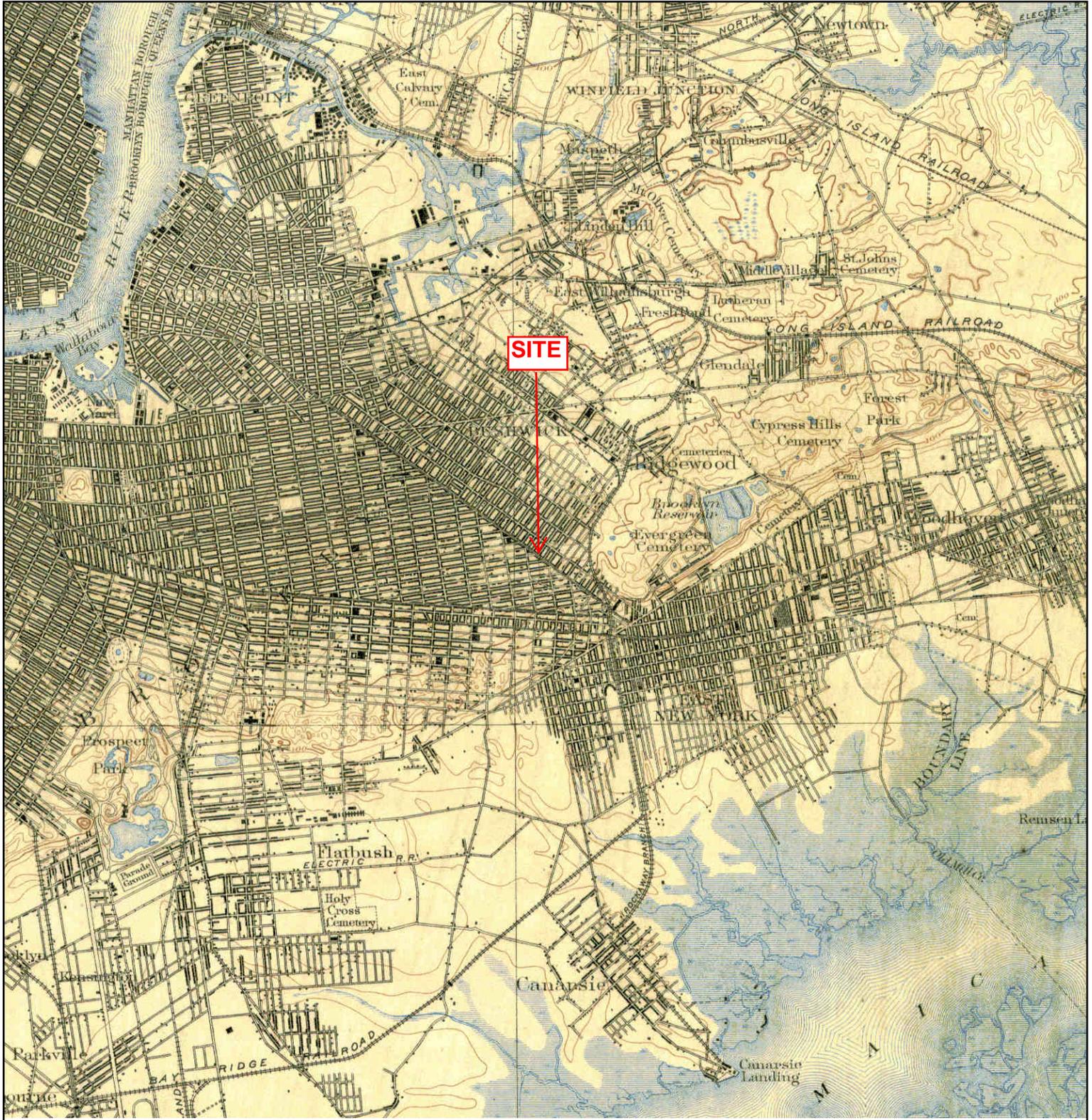
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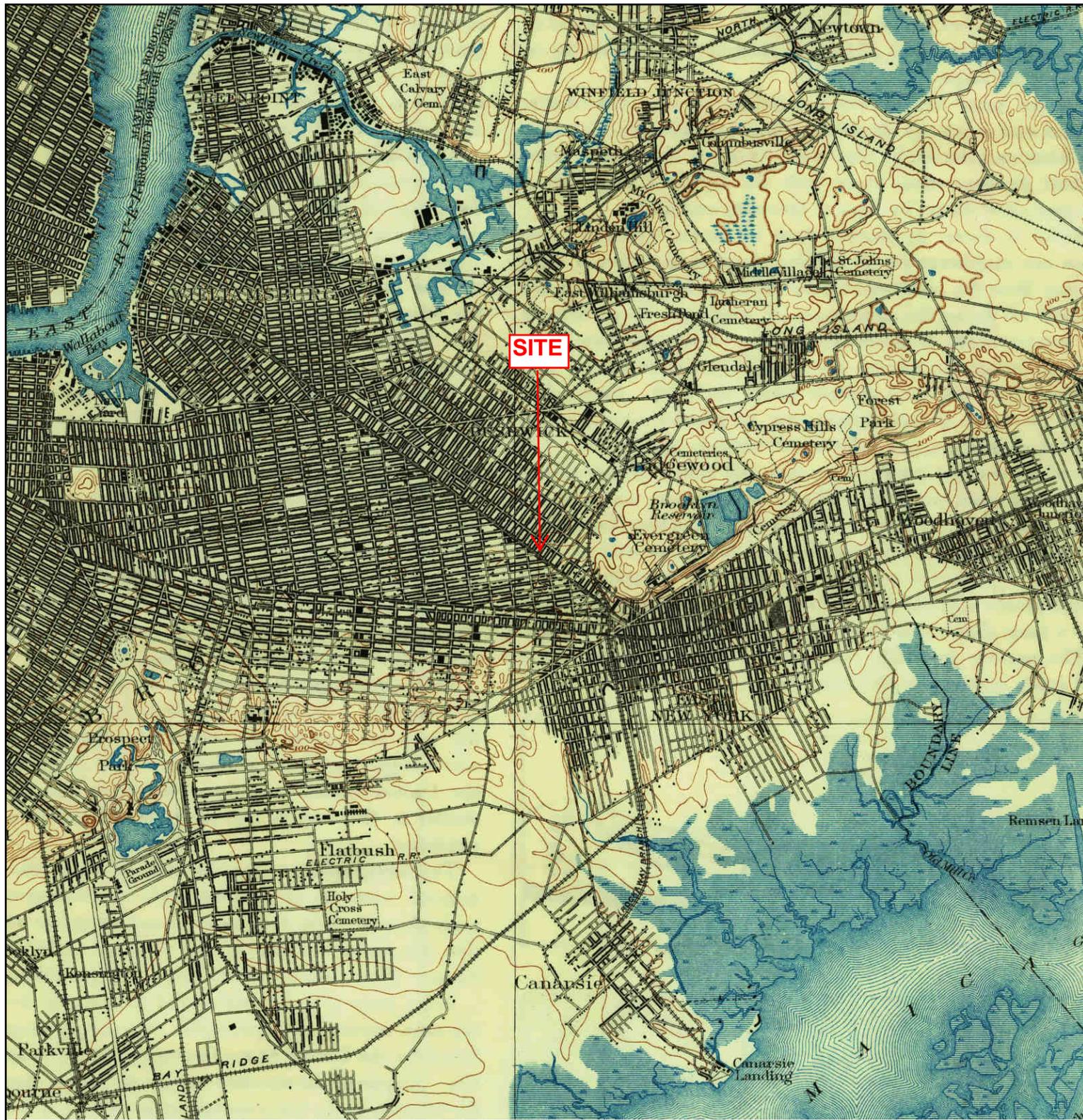
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Historical Topographic Map



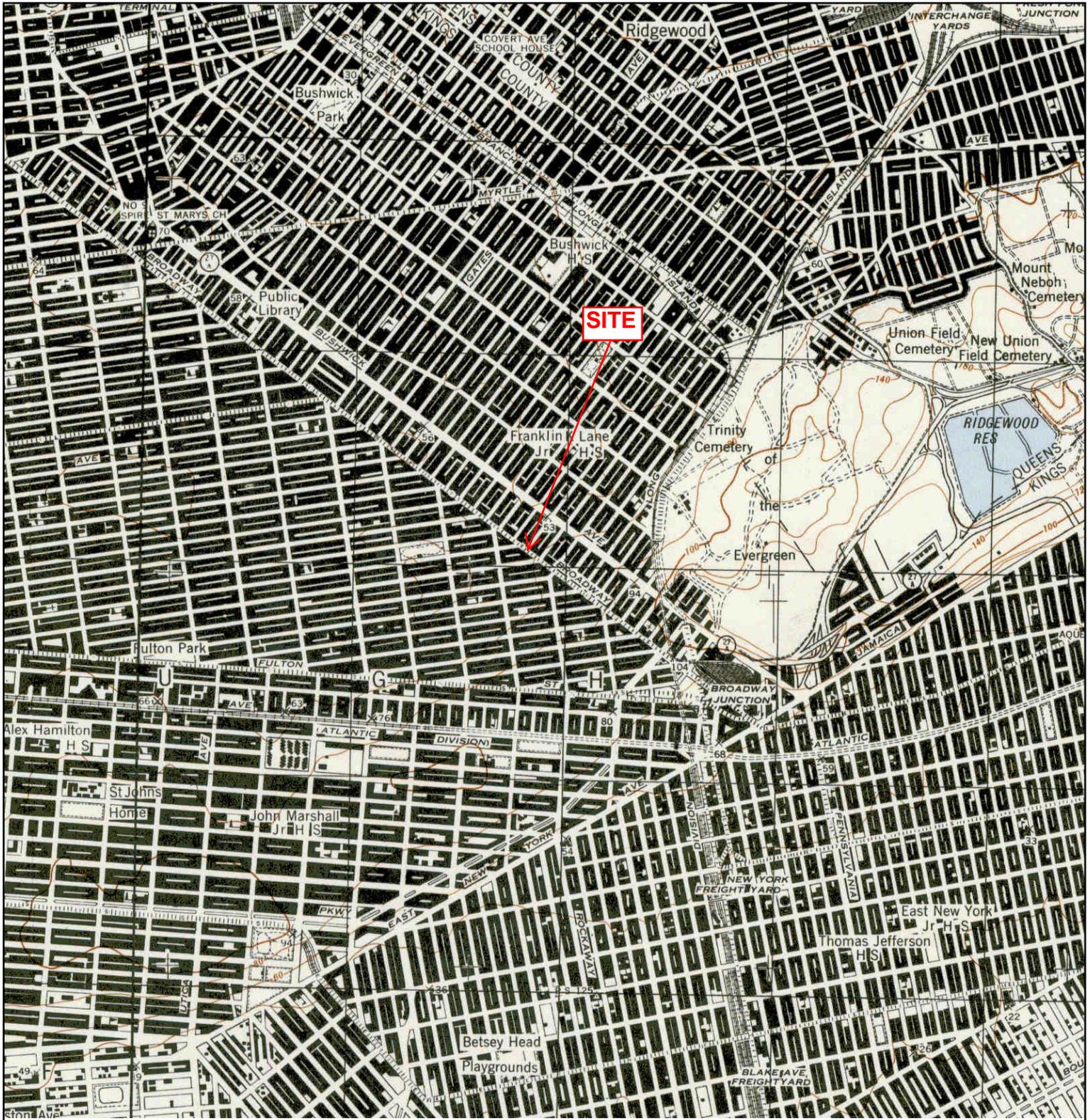
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	MAP YEAR: 1900	Brooklyn, NY 11233	INQUIRY#: 3605343.1
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Historical Topographic Map



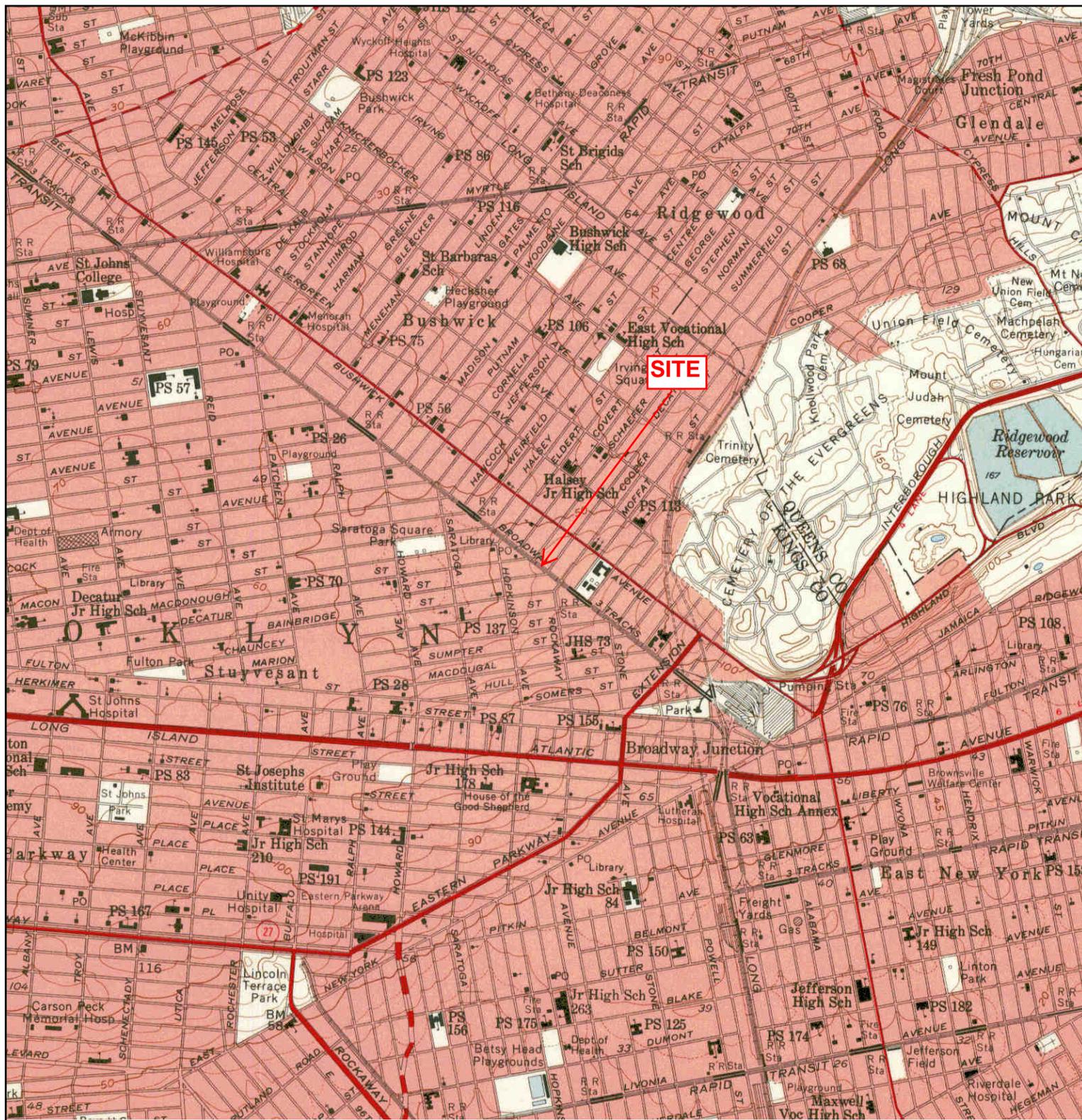
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	SCALE: 1:62500		

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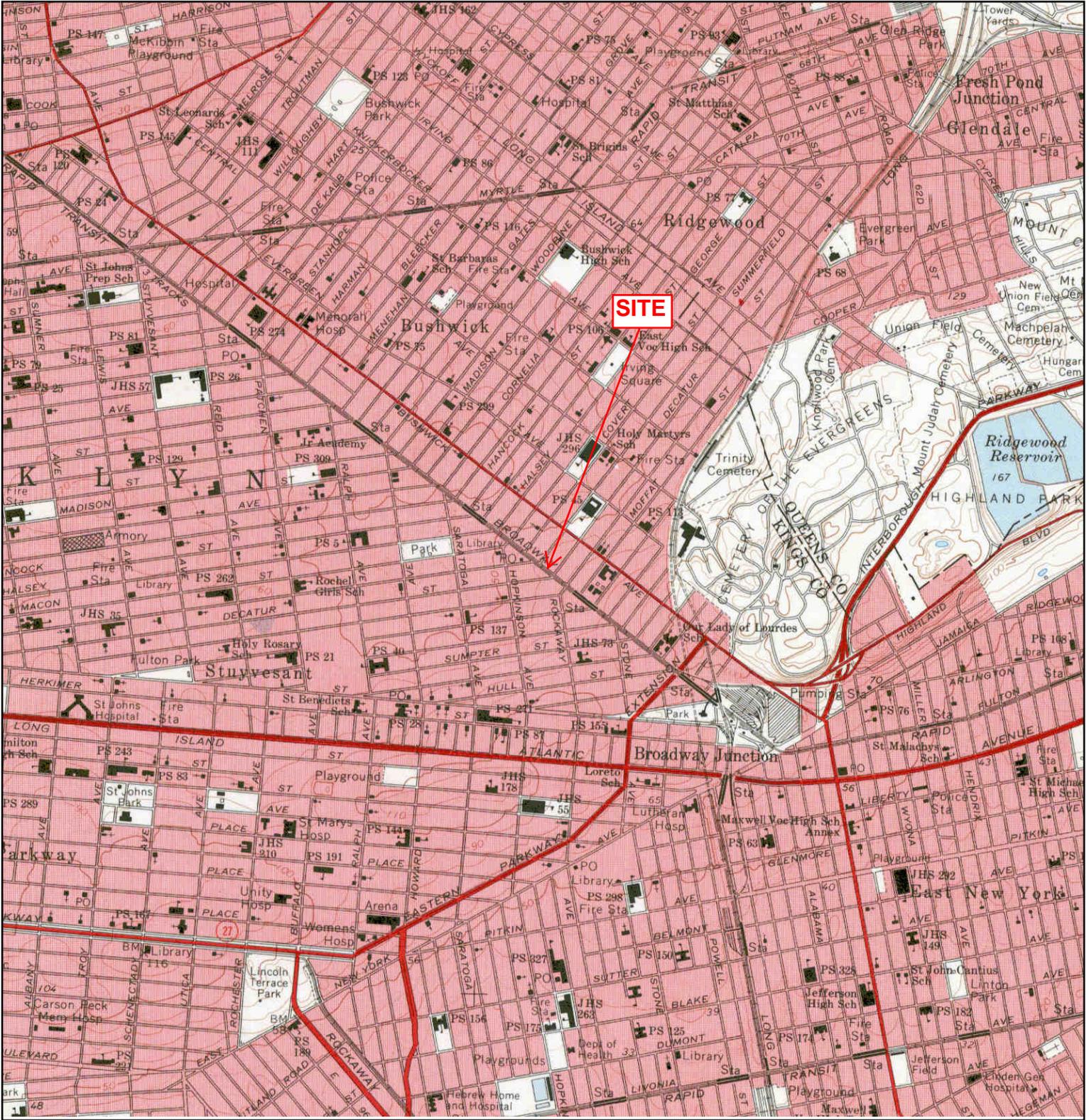
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	<p>SERIES: 7.5</p> <p>SCALE: 1:25000</p>		

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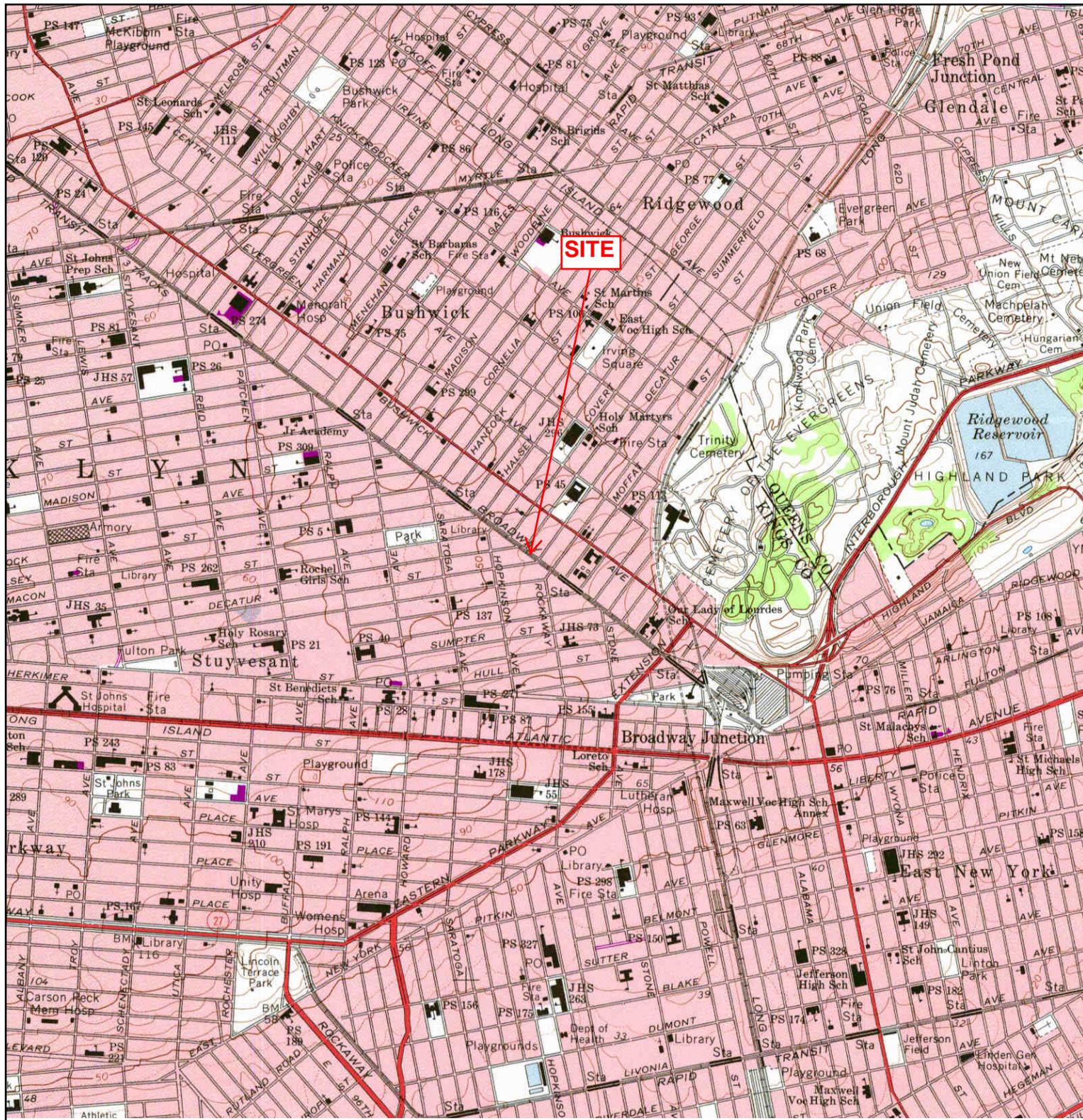
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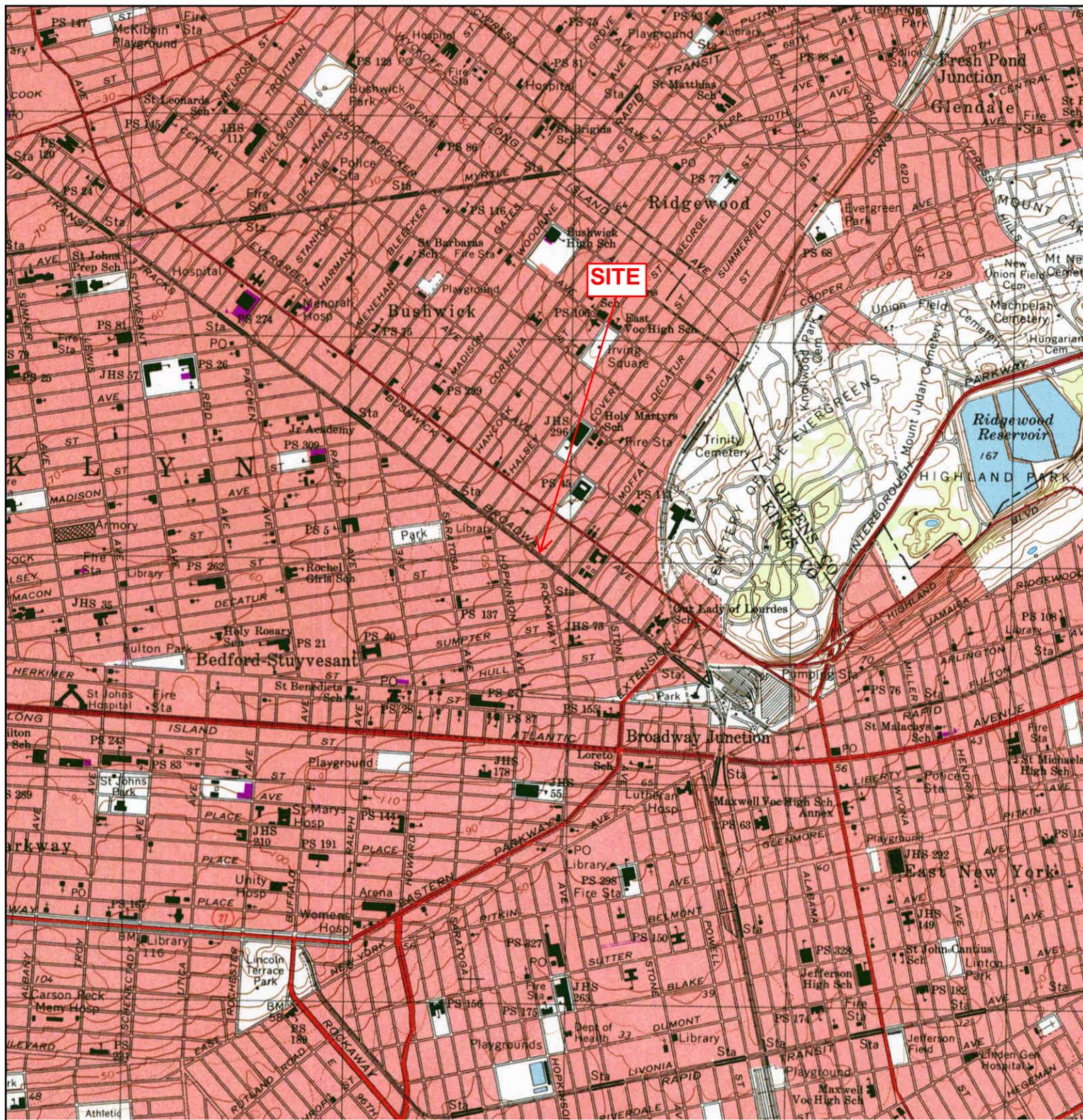
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	<p>SCALE: 1:24000</p>	<p>LAT/LONG: 40.6836 / -73.9121</p>	<p>INQUIRY#: 3605343.1</p>
			<p>RESEARCH DATE: 05/14/2013</p>

Historical Topographic Map



<p>N</p>	TARGET QUAD	SITE NAME: Broadway/Decatur St. Properties, Brooklyn	CLIENT: Nelson, Pope & Voorhis LLC
	NAME: BROOKLYN	ADDRESS: 768-770 Decatur Street & 1696-1712 Broadway	CONTACT: Steven Mcginn
	MAP YEAR: 1979	Brooklyn, NY 11233	INQUIRY#: 3605343.1
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	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



 <p>N</p>	TARGET QUAD	SITE NAME: Broadway/Decatur St. Properties, Brooklyn	CLIENT: Nelson, Pope & Voorhis LLC
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	MAP YEAR: 1995	Brooklyn, NY 11233	INQUIRY#: 3605343.1
	SERIES: 7.5	LAT/LONG: 40.6836 / -73.9121	RESEARCH DATE: 05/14/2013
	SCALE: 1:24000		

APPENDIX H

CITIES DIRECTORY

1674-1684 Broadway, Brooklyn

1674-1684 Broadway
Brooklyn, NY 11233

Inquiry Number: 3627838.1
June 13, 2013

The EDR-City Directory Abstract

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2012	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2007	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1997	NYNEX	-	X	X	-
1992	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	-	X	X	-
	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1973	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1970	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1965	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
	New York Telephone Company	-	X	X	-
	New York Telephone Company	X	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1949	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1945	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1940	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1674-1684 Broadway
Brooklyn, NY 11233

FINDINGS DETAIL

Target Property research detail.

BROADWAY

1674 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	HENRY DISTRIBUTORS	Cole Information Services
2007	HENRY DISTRIBUTORS	Cole Information Services
2005	Henry Distributors	Hill-Donnelly Corporation
2000	HENRY DISTRIBUTORS	Cole Information Services
1976	FAMILY CLNG CO	New York Telephone
1973	Broadway TV Svce	New York Telephone
	Burns H L Electronic Technicians	New York Telephone
	Family Cing Co	New York Telephone
1970	Burns H L Electronic Technicians	New York Telephone
1965	Roxy Sales elec aplncs	New York Telephone
1960	PARKER & FREUND LWYRS	New York Telephone
	WYBRANT SYSTM IHE SCALP SPECLSTS	New York Telephone
	Harrington Dan J vaudvl mgr	New York Telephone Company
	Parker & Freund lwyrs	New York Telephone Company
	United Entertainment Producers Inc agcy	New York Telephone Company
	WYBRANT SYSTM IHE scalp speclsts	New York Telephone Company
1949	Decatur Theatre	New York Telephone
1945	Decatur Theatre	New York Telephone
	United Entertainment Producers Inc agcy	New York Telephone
	Worrell Horace D chrobdst	New York Telephone
1940	Decatur Theatre	New York Telephone
	Worrell Horace D chropdst	New York Telephone
1928	GERTLER ISRAEL C SWEATERS	New York Telephone
	LIPOW KSIEL GLAZR	New York Telephone
	RAFF MAX JWLR	New York Telephone

FINDINGS

1676 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	CHURCH OF THE LORD JESUS CHRIST	NYNEX Information Resources Company
1976	BROADWAY SOCIAL CLUB	New York Telephone
1965	Daniel Specialty Inc	New York Telephone
	Daniel Specialty Inc Ids wr Office	New York Telephone
1960	DANIEL SPECIALTY INC	New York Telephone
	DANIEL SPECIALTY INC IDS WR OFFICE	New York Telephone
	Daniel Specialty Inc	New York Telephone Company
	Daniel Specialty Inc Ids wr Office	New York Telephone Company
1949	Kanefsky Benj pltry & eggs	New York Telephone
1945	Glen Lake Farm pltry eggs	New York Telephone
1928	CELLER JULIUS	New York Telephone
	DECATUR THEATRE	New York Telephone
	FISHER CHAS	New York Telephone
	LIEBERMAN EDW CIGARS	New York Telephone

1680 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Trapsagen School of Fashion The	New York Telephone
	Troy Jos b	New York Telephone
1960	BWAY FABRICS	New York Telephone
	BWAY CENTRL HOTEL CATERERS	New York Telephone Company
	Bway Fabrics	New York Telephone Company
	NY Schl of Modern Millinery	New York Telephone Company
	Traphagen School of Fashion The	New York Telephone Company
1949	Broadway Cleaners	New York Telephone
	Bway Fabrics	New York Telephone
	NY Schl of Modern Millinery	New York Telephone
1945	NY Schl of Modern Millinery	New York Telephone
	Traphagen School of Fashion The	New York Telephone
1940	NY Schl of Modern Millinery	New York Telephone

1682 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Glenmack Insurance Corp	New York Telephone
1965	Decatur Estates Realty	New York Telephone
	Elnor Estates Realty Inc	New York Telephone
1960	BEDFORD DISCOUNT CNTR INC	New York Telephone
	SCHILLING GEO J	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Bedford Discount Cntr Inc	New York Telephone Company
	Schilling Geo J	New York Telephone Company
1949	Boro Hall Radio	New York Telephone
	Boro Radio Co reprs & serv	New York Telephone
	Boro Radio Lab	New York Telephone
	Boro Radio Serv Co	New York Telephone
1945	Boro Radio Co reprs & serv	New York Telephone
	Boro Radio Lab	New York Telephone
	Boro Radio Serv Co	New York Telephone
1940	Boro Radio Co reprs & serv	New York Telephone
	Boro Radio Lab	New York Telephone
	Boro Radio Serv Co	New York Telephone
1928	BORO RADIO SERV CO	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BROADWAY

1640 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Western Union i	Hill-Donnelly Corporation
2000	PAY O MATIC	Cole Information Services
1992	VIKING CHECK CASHING CORP	NYNEX Informantion Resource Co.
1985	VIKING CHECK CASHING CORP	NYNEX Information Resources Company
1965	Dole Refrigratn & Applnces Co	New York Telephone
1960	ARAGONA JOS A RL EST	New York Telephone
	CARVIN CO	New York Telephone
	LIVECCHI VINCENT J RL EST	New York Telephone
	ROTOLO ARTHUR A ATTY	New York Telephone
	ROTOLO ARTHUR A INS	New York Telephone
	SCRICCO CARMINE RL EST	New York Telephone
	Aragona Jos A rl est	New York Telephone Company
	Carvin Co	New York Telephone Company
	Livecchi Vincent J rl est	New York Telephone Company
	Rotolo Arthur A atty	New York Telephone Company
	Rotolo Arthur A ins	New York Telephone Company
	Scricco Carmine rl est	New York Telephone Company
1949	Holtzman I venetn blds	New York Telephone
	Holtzman Isadore glazer	New York Telephone
1945	Holtzman I venetn blds	New York Telephone
	Holtzman Isidore glazr	New York Telephone
1940	Holtzman Isidore glazr	New York Telephone
1928	HECHT ISIDOR DELCTSN	New York Telephone

1642 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JENETTAS HAIR STD	Cole Information Services
	BONG HOMG TUNG	Cole Information Services
1997	Jenettas Hair Studio	NYNEX
	Bong Homg Tung	NYNEX
1992	WONG KAI WANG RESTRNT	NYNEX Informantion Resource Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	JENETTA S HAIR STUDIO	NYNEX Informantion Resource Co.
1985	WONG KAI WANG RESTRNT	NYNEX Information Resources Company
	JENETTA S HAIR STUDIO	NYNEX Information Resources Company
1980	SHIELDS GENEVA	New York Telephone
1976	DECOSTA BEAUTY PARLOR	New York Telephone
	SHIELDS GENEVA	New York Telephone
1973	De Costa Beauty Parlor	New York Telephone
1970	Quinones Roberto	New York Telephone
	De Costa Beauty Parlor	New York Telephone
1965	Quinones Roberto	New York Telephone
1960	ROSE TWIN SHOPS YRN	New York Telephone
	ROSE BEAUTY SALON	New York Telephone
	MODERN DINETTE CO	New York Telephone
	BARNES MARY MRS	New York Telephone
	Rose Twin Shops yrn	New York Telephone Company
	Rose Beauty Salon	New York Telephone Company
	Modern Dinette Co	New York Telephone Company
	Barnes Mary Mrs	New York Telephone Company
1949	Fiedler R fur	New York Telephone
1945	Fiedler R fur	New York Telephone
1928	SARTISKY MORRIS TAILOR	New York Telephone
	MODERN WOODMEN OF AMER	New York Telephone

1644 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Gutierrez Manuel	Hill-Donnelly Corporation
2000	2 OCTAVIA SQUIRE	Cole Information Services
	TORRES GROCERY	Cole Information Services
	TORRES GROCERY	Cole Information Services
1997	SQUIRE Octavta	NYNEX
	Torres Grocery	NYNEX
1992	DURAN GROCERY STORE	NYNEX Informantion Resource Co.
1985	DURAN GROCERY STORE	NYNEX Information Resources Company
1973	Krat Rubin DDS	New York Telephone
	Grossman Alexndr atty	New York Telephone
	Broadway Store	New York Telephone
	Bway Realty Co	New York Telephone
	Menkes Jos b	New York Telephone
1970	Menkes Jos b	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Krat Rubin D D S	New York Telephone
	Jaffee William DDS	New York Telephone
	Grossman Alexndr atty	New York Telephone
1965	Bus	New York Telephone
	Menkes Jos	New York Telephone
	Grossman Alexndr atty	New York Telephone
	Glickman Paul M DDS ofc	New York Telephone
	Epstein Ralph DDS ofc	New York Telephone
	Broadway Realty Co	New York Telephone
1960	EPSTEIN RALPH DDS OFC	New York Telephone
	EMBLEM MART THE	New York Telephone
	Epstein Ralph DDS ofc	New York Telephone Company
	Emblem Mart The	New York Telephone Company
1945	Epstein Ralph DDS ofc	New York Telephone
1928	RUDINGER RITA MRS BTY SHOPPE	New York Telephone
	RITA BEAUTY SHOPPE	New York Telephone
	OSOFSKY SAML BUTTER EGGS	New York Telephone

1650 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Corporation
1985	LAFRANCE TRANSPORTATION CO INC	NYNEX Information Resources Company
1973	Merchant Shippers ofc	New York Telephone
1970	Brickman Hotel of South Fallsburgh NY ofc	New York Telephone
	Handy Bros Music Co Inc	New York Telephone
	Merchant Shippers ofc	New York Telephone
1965	Bird Research Foundtn Ltd exec ofc	New York Telephone
	Handy Bros Music Co Inc	New York Telephone
1960	Bird Research Foundtn Ltd exec ofc	New York Telephone Company
	Handy Bros Music Co Inc	New York Telephone Company
1949	Chemical & Cosmetic Employees Union	New York Telephone
	Douglas Jos CPA	New York Telephone
	Handy Bros Music Co Inc	New York Telephone
	Plastic Employees Union	New York Telephone
	Ross Sam Theatrl Enterprises	New York Telephone
1945	Douglas Jos acctnt	New York Telephone
	Handy Bros Music Co Inc	New York Telephone
	Ross Sam Theatrl Enterprises	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Weintraub Harold atty	New York Telephone
1940	Messinger Saml S DDS ofc	New York Telephone

1657 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE MANH	New York Telephone
1973	Alert Furniture Co	New York Telephone
	Alert Moving & Storage Inc	New York Telephone
	Alert Moving & Storage Inc	New York Telephone
	WILFRED ACADMY OF HAIR & BEAUTY CULTURE	New York Telephone
1970	WILFRED ACADMY OF HAIR & BEAUTY CULTURE	New York Telephone
	Kramer & Hanlin Inc furn	New York Telephone
	Kramer & Hanlin Inc furn	New York Telephone
1965	Kramer & Hanlin Inc furn	New York Telephone
	Kramer & Hanlin Inc furn	New York Telephone
	WILFRED ACADMY OF HAIR & BEAUTY CULTURE	New York Telephone
1960	KRAMER & HANLIN INC FURN	New York Telephone
	KRAMER & HANLIN INC FURN	New York Telephone
	Maryland Cup Co	New York Telephone Company
	Maryland Match Co	New York Telephone Company
	KRAMER & HANLIN INC furn	New York Telephone Company
	Kramer & Hanlin Inc furn	New York Telephone Company
	Maryland Papr Prods Co	New York Telephone Company
	Sweetheart Papr Prods Co	New York Telephone Company
1949	Radio Station W M C A	New York Telephone
	Bernstein Saml textls	New York Telephone
1945	Radio Station W M C A	New York Telephone
	Wilfred Acadmy of Hair & Beauty Culture	New York Telephone
1928	EILEEN SPECIALTY SHOP IDS & INFANTS WR	New York Telephone
	LOWENBERG JULIUS G LDS & INFANTS WR	New York Telephone

1658 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Vanderhoven Wm flrst	New York Telephone
	Regan David DDS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	BRIARCLIFF FLORIST	New York Telephone
1960	VANDERHOVEN WM FIRST	New York Telephone
	REGAN DAVID DDS	New York Telephone
	BRIABCLIFF FLORIST	New York Telephone
	BRIABCLIFF FLORIST	New York Telephone Company
	Regan David DDS	New York Telephone Company
	Vanderhoven Wm first	New York Telephone Company
1949	Alexandro Dancing & Rehearsal Studios	New York Telephone
	BRIARCLIFF FLORIST	New York Telephone
1945	Alexandro Dancing & Rehearsal Studios	New York Telephone
	Vanderhoven Wm first	New York Telephone
1940	Briarcliff Florist	New York Telephone
	Epstein Ralph DDS off	New York Telephone
	Vanderhoven Wm first	New York Telephone
1934	MCARVER JACK VADDEVILLE PRODUCER AND DONOLNG INSTRUCTOR OF THE FRED LE OUOR	R. L. Polk & Co.
1928	BUSHWICK RADIO CENTRE	New York Telephone
	COLEMAN LEONARD	New York Telephone
	EPSTEIN RALPH DDS OFF	New York Telephone
	WESTINGHOUSE BATTERY SERVICE STA	New York Telephone

1659 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	MAISEL RESTRNTS Exec Offices	New York Telephone Company
1949	Rubin Jack shoes	New York Telephone
	Jacks Shoe Store	New York Telephone
1945	Jacks Shoe Store	New York Telephone
	Rubin Jack shoes	New York Telephone
1940	Rubin Jack shoes	New York Telephone
	Jacks Shoe Store	New York Telephone
1928	RUBIN JACK SHOES	New York Telephone

1660 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	CHARTRUSSE GARDENS COCKTAIL LOUNGE	NYNEX Information Resources Company
1976	CHARTRUSSA GARDENS COCKTAIL LOUNGE	New York Telephone
1973	Johnson R M	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Chartrusse Gardens Cocktail Lounge	New York Telephone
1970	Chartrusse Gardens Cocktail Lounge	New York Telephone
1965	Brower Henry F	New York Telephone
	Chartrusse Gardens Restrnt	New York Telephone
1960	BROWER HENRY F	New York Telephone
	BELVEDERE RESTRAT	New York Telephone
	Belvedere Restrnat	New York Telephone Company
	Brower Henry F	New York Telephone Company
1949	Brower Henry F	New York Telephone
	Cardone Danl restrnt	New York Telephone
	Reidy & Wiley roofrs	New York Telephone
1940	Cardone Danl restrnt	New York Telephone

1662 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	VICTOR PLUMBING & HEATING	Cole Information Services
	H & Z CNSTRCTION NY	Cole Information Services
2005	h Austin Ronald	Hill-Donnelly Corporation
	h Williams W v	Hill-Donnelly Corporation
2000	KELVIN WALKER	Cole Information Services
	KELVIN WALKER	Cole Information Services
	CARL AUSTIN	Cole Information Services
	RONALD AUSTIN	Cole Information Services
1997	ALBRIGHT Wa Key	NYNEX
	JONES Deshawn	NYNEX
	MC CAIN Bridget	NYNEX
1992	AUSTIN RONALD	NYNEX Informantion Resource Co.
	JONES O	NYNEX Informantion Resource Co.
1985	R & J RADIO & TELEVISION REPR	NYNEX Information Resources Company
1976	MERRITT RUBY	New York Telephone
	SCOTT FLORINE	New York Telephone
1973	Scott Florine	New York Telephone
1970	Harrison Paul	New York Telephone
	Mastercraft Cleanrs & Dyer	New York Telephone
	Merritt Ruby	New York Telephone
	Scott Florine	New York Telephone
1965	Mastercraft Cleanrs & Dyers	New York Telephone
	Scott Florine	New York Telephone
1960	MASTERCRAFT CLEANRS & DYARS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Mastercraft Cleanrs & Dyars	New York Telephone Company
1949	FLORIDA VAN LINES	New York Telephone
	Mac Cleaners & Tailors	New York Telephone
	Schembre Carmela M	New York Telephone
1945	Bader Bros Storage Warehouse	New York Telephone
	Main office	New York Telephone
	Schembre Carmela M	New York Telephone
1940	Bader Bros Moving Co	New York Telephone
1928	BURKHARDT LORETTA MRS R	New York Telephone
	COLUMBIS BROS CNFCTY	New York Telephone

1663 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	PELICAN KNITG INC	New York Telephone
	ESS & BEE KNITG MILL INC	New York Telephone
	ESS & BEE KNITG MILL INC	New York Telephone
	GMC FOR BETTER VALUE CO	New York Telephone
1973	Ess & Bee Knitg Mill Inc	New York Telephone
	Ess & Bee Knitg Mill Inc	New York Telephone
	G M C For Better Value Co	New York Telephone
	Pelican Knitg Inc	New York Telephone
1970	Ess & Bee Knitg Mill Inc	New York Telephone
	Ess & Bee Knitg Mill Inc	New York Telephone
	GMC for Better Value Co	New York Telephone
	Pelican Knitg Inc	New York Telephone
1965	GMC for Better Value Co	New York Telephone
	Pelican Knitg Inc	New York Telephone
	Shar El Sportswr Co Inc	New York Telephone
	Shar El Sportswr Co Inc	New York Telephone
1960	GMG FOR BETTER VALUE CO	New York Telephone
	GLADYS UNDRGRMNT CO	New York Telephone
	RITE MADE FASHNS CO	New York Telephone
	GMG for Better Value Co	New York Telephone Company
	Gladys Undrgrmnt Co	New York Telephone Company
	Rite Made Fashns Co	New York Telephone Company
1949	Kramer & Wagner Inc furn	New York Telephone
1945	Kramer & Wagner frn	New York Telephone
	Wagner Elias atty	New York Telephone
	Wagner & Kramer	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Wagner & Kramer furn	New York Telephone
	Kramer & Wagner frn	New York Telephone
1928	KRAMER & WAGNER FRN	New York Telephone

1664 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	KAUFMAN UTIUTIES INC	New York Telephone
1973	Levitt Bros Inc paint hrdwrs	New York Telephone
1970	Levitt Bros Inc paints hrdwrs	New York Telephone
1965	Levitt Bros Inc paints hrdwrs	New York Telephone
1949	Levitt Bros paints & hrdwrs	New York Telephone
1940	Berenkopf L pntr & decctr	New York Telephone
	Greschler Isadore hdwre	New York Telephone
	Westreich & Greschler hdwre	New York Telephone
1928	WESTREICH & GRESCHLER PAINTERS SUPLS	New York Telephone

1665 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Nil	Hill-Donnelly Corporation
1992	SPERLING MEAT MKT	NYNEX Informantion Resource Co.
1985	A GREEN FRUIT & VEGETABLE STORE	NYNEX Information Resources Company
	SPERLING MEAT MKT	NYNEX Information Resources Company
1976	P & E FRUITS INC	New York Telephone
	RIVASAM MEAT & PROVISION INC	New York Telephone
1973	Harris Stanley prod	New York Telephone
	Kanuika Henry butchr	New York Telephone
	Sperling Meat Mkt	New York Telephone
1970	Harris Stanley prod	New York Telephone
	Kanuika Henry butchr	New York Telephone
1965	Kanuika Henry butchr	New York Telephone
	L & J Stores frts & vegs	New York Telephone
	Sperling Meat Mkt	New York Telephone
1960	SPERLING ABE BUTCHR	New York Telephone
	Sperling Abe butchr	New York Telephone Company
1949	Sperling Abe butchr	New York Telephone
1945	Kutner Max prod	New York Telephone
1940	Kutner Max prod	New York Telephone
1928	LEVY CHAS A FURN	New York Telephone

FINDINGS

1666 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Hutcherson Jane	Hill-Donnelly Corporation
1985	MALDONADO BERNADO CANDY STORE	NYNEX Information Resources Company
1976	MEYER FREDK J RL EST & INS	New York Telephone
	KEESTLE DANL W RL EST INS	New York Telephone
	MEL S BEAUTY SALON	New York Telephone
1973	Kaestle Danl W rl est ins	New York Telephone
	Meyer Fredk J r est & Ins	New York Telephone
1970	Alexs Barbr Shop	New York Telephone
	Kaestle Danl W rl est ins	New York Telephone
	Meyer Fredk J rl est & ins	New York Telephone
1965	Kaestle Danl W rl est isn	New York Telephone
	Mc Donald Florence rl est & ins	New York Telephone
	Meyer Fredk J rl est & ins	New York Telephone
1960	KAESTLE DANL W RL EST INS	New York Telephone
	MCDONALD FLORENCE RL EST & INS	New York Telephone
	MEYER FREDK J RL EST & INS	New York Telephone
	PACO MECHANICAL CO	New York Telephone
	STEEL TOWNE SHEET METAL WKS INC	New York Telephone
	Kaestle Danl W rl est ins	New York Telephone Company
	Mc Donald Florence rl est & ins	New York Telephone Company
	Meyer Fredk J rl est & ins	New York Telephone Company
	PACO MECHANICAL CO	New York Telephone Company
	Steel Towne Sheet Metal Wks Inc	New York Telephone Company
1949	Kaestle Danl W rl est ins	New York Telephone
	Mc Donald Florence rl est & ins	New York Telephone
	Meyer Fredk J rl est & ins	New York Telephone
1945	Kaestle Danl W rl est ins	New York Telephone
	Meyer Fredk J rl est & ins	New York Telephone
1940	Kaestle Danl W rl est ins	New York Telephone
	Meyer Fredk J rl est & ins	New York Telephone
1928	MEYER BROS PLUMBING	New York Telephone
	MEYER FREDK J RL EST & INS	New York Telephone
	WERNER GEO E LWYR	New York Telephone

FINDINGS

1668 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Narco Inc	New York Telephone
1928	GNAD P F BIRD STORE	New York Telephone

1669 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	JACK & JILL LNDRET	New York Telephone
	Jack & Jill Lndret	New York Telephone Company
1949	Cotton Bar The drses	New York Telephone
1928	TUPPER CHAS JEWERLY	New York Telephone

1670 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	J & J CANDY STORE	New York Telephone
1973	J & J Candy Store	New York Telephone
1970	J & J Candy Store	New York Telephone
1965	J & J Candy Store	New York Telephone
1960	WALTON HOWARD STATNRY	New York Telephone
	Walton Howard statnry	New York Telephone Company
1949	Dannenberg Siegfried statnry	New York Telephone
	Gaetano Salvatore	New York Telephone
1945	Riechlin H statnry	New York Telephone
1940	Riechlin H statnry	New York Telephone
1934	FINLAY STRAUS INC ABR S HIRSHBERG PRES ZILLOT P HIRSHBERG V-PRES-TREAS WAI	R. L. Polk & Co.
1928	BENJAMIN JOS STATY	New York Telephone

1671 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Pugh Jesse	New York Telephone
1965	Bianco Frank mkt	New York Telephone
1960	JOHN S BARGAIN STORES CORP	New York Telephone
	JOHNS BARGAIN STORES CORP Branches	New York Telephone Company
1949	Johns Bargain Store	New York Telephone
1928	ISAAC LESTER SHOES	New York Telephone
	LESTER SHOE SHOP	New York Telephone

FINDINGS

1672 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	EMANUEL A TOWNS	Cole Information Services
2007	HENRY BUILDERS & GEN CONTRS	Cole Information Services
	EMANUEL A TOWNS ATTORNEY	Cole Information Services
2005	Towns Emanuel A	Hill-Donnelly Corporation
1985	BOSTON FISH MKT	NYNEX Information Resources Company
1976	BOSTON FISH MKT	New York Telephone
1973	Boston Fish Mkt	New York Telephone
1970	Boston Fish Mkt	New York Telephone
1965	Boston Fish Mkt	New York Telephone
1960	BOSTON FISH MKT	New York Telephone
	Boston Fish Mkt	New York Telephone Company
1949	Mas Refrigeratn Radio & Television	New York Telephone
	A T Bedspread Co	New York Telephone
1945	Mas Chas	New York Telephone
1928	WIENER OSCAR PAINTS	New York Telephone
	SHACHNER HYMAN PAINTS	New York Telephone

1673 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	FIVE BROS BARGAIN CNTR INC	New York Telephone
1973	Five Bros Bargain Cntr Inc	New York Telephone
1970	Five Bros Bargain Cntr Inc	New York Telephone
1965	Kleins on Bway	New York Telephone
1960	KLEINS ON BWAY	New York Telephone
	Kleins on Bway	New York Telephone Company
1949	Klein Thrift Store	New York Telephone
1928	5 & 10C STORE	New York Telephone

1675 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	THE SALVATION ARMY	Cole Information Services
2005	Wilson Tieisha	Hill-Donnelly Corporation
	Number123 Woods Tyherra	Hill-Donnelly Corporation
	Young Kim	Hill-Donnelly Corporation
	Smithson Jacqueline	Hill-Donnelly Corporation
	Number203 Smith Crystal	Hill-Donnelly Corporation
	Salvation Army 20 01oi	Hill-Donnelly Corporation
	Mercado Janet	Hill-Donnelly Corporation

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Maye Twanna v	Hill-Donnelly Corporation
	Maldonado Melody	Hill-Donnelly Corporation
	Number205 Lewis C	Hill-Donnelly Corporation
	King Jakal	Hill-Donnelly Corporation
	Hudson Vanessa	Hill-Donnelly Corporation
	Number327 Herb Lyeta	Hill-Donnelly Corporation
	Number105 Thompson Marcono	Hill-Donnelly Corporation
	Villafane Claribel	Hill-Donnelly Corporation
	Gilliam Denise	Hill-Donnelly Corporation
	Hallett Lasheena	Hill-Donnelly Corporation
	White T	Hill-Donnelly Corporation
	Cunningham Nicole	Hill-Donnelly Corporation
	Cunningham Nicole	Hill-Donnelly Corporation
	Avery Xavier	Hill-Donnelly Corporation
	Multi Unit Address	Hill-Donnelly Corporation
2000	SLVTN ARMY SLVTN	Cole Information Services
	SLVTN ARMY BSHWCK	Cole Information Services
1949	Straub J butchr	New York Telephone
1945	Straub J meat mkt	New York Telephone
1940	Straub J meat mkt	New York Telephone
1928	INGRAM LAWRENCE MEAT	New York Telephone

1677 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Trade Rite Supermarket	New York Telephone
1970	Bobs Suprmarkt	New York Telephone
1965	Bobs Suprmarkt	New York Telephone
1960	TASHMAN & HERMANA GROCERY	New York Telephone
	Tashman & Hermana grocry	New York Telephone Company
1949	Sauer & Applebaum dairy grocry	New York Telephone
1945	Schnee David dairy	New York Telephone
	Daves Self Svce Foods	New York Telephone
1940	Schnee David dairy	New York Telephone
	Daves Self Svce Foods	New York Telephone

1678 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	BOBBY SUE S BEAUTY SHOP	New York Telephone
1973	Bobby Sues Beauty Shop	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Bobby Sues Beauty Shop	New York Telephone
1965	Bobby Sues Beauty Shop	New York Telephone

1679 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	S & A SHOES INC	New York Telephone
1973	S & A Shoe Stores Inc	New York Telephone
1970	BWAY KROWN FLOOR COVERING CORP	New York Telephone
	Bway Leather Goods	New York Telephone
	Gallant Max b	New York Telephone
1965	BWAY KROWN FLOOR COVERING CORP	New York Telephone
	Bway Leather Goods	New York Telephone
	Gallant Max b	New York Telephone
1960	GALLANT MAX B	New York Telephone
	BWAY LEATHER GOODS	New York Telephone
	BWAY IRON & PIPE CORP	New York Telephone Company
	Bway Leather Goods	New York Telephone Company
	Gallant Max b	New York Telephone Company
1949	Berman H drugs	New York Telephone
	BWAY IRON & PIPE CORP	New York Telephone
	Bway Leather Goods	New York Telephone
1945	Berman H drugs	New York Telephone
1928	MEDWINS SHOPS INC	New York Telephone
	SILVERSTEIN MAX LUGGAGE	New York Telephone

1681 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	F & W GRAND 5-10-25C STORE-	New York Telephone
	F & W GRAND 5-10-25C STORE-	New York Telephone

1685 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Smart Set Beauty Lounge	New York Telephone

1689 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	WOOLWORTH F W CO	New York Telephone
1960	WOOLWORTH F W CO 5 & 10 CENT STORES RESTAURANT	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Woolworth F W Co	New York Telephone

DECATUR

818 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	RASMUSSEN CHAS H	R. L. Polk & Co.

827 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	JOHENNING THERESA CLK R	R. L. Polk & Co.

842A DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	COOK HENRY J MECH H	R. L. Polk & Co.

876 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	MARQUARDT FREDK PLMBR H	R. L. Polk & Co.

892 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	CHARLES RUTH MISS R	New York Telephone

900 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	DINKINS RUTH	New York Telephone

924 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	HAACK ERNEST A MECH H	R. L. Polk & Co.

932 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	FARRELL EUGENE J	New York Telephone

936 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	BURNS DANL BKPR H	R. L. Polk & Co.

FINDINGS

946 DECATUR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	GOLDBERGER ALBERT A CLK HARRY AND DAVE SHOE SHOP R	R. L. Polk & Co.

DECATUR AVE

881 DECATUR AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	HALLOWAY ROSE INV DEPT PUB WELFARE R	R. L. Polk & Co.

DECATUR ST

901 DECATUR ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h David Roslyn	Hill-Donnelly Corporation
	h Barksdale Leslie & Isyla	Hill-Donnelly Corporation
	H Ferguson	Hill-Donnelly Corporation

MACDONOUGH

818 MACDONOUGH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	FRANK S	New York Telephone
1934	LACOIN MAX CARP H	R. L. Polk & Co.
	NICKELSON TIMOTTIV CLK H	R. L. Polk & Co.

820A MACDONOUGH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SMITH DAVID	NYNEX Informantion Resource Co.

822 MACDONOUGH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	SHEPPARD MARY W R	R. L. Polk & Co.

MACDONOUGH ST

818 MACDONOUGH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	R & J Radio & Television Repr	New York Telephone
1970	Fulcher Esther W	New York Telephone

FINDINGS

820 MACDONOUGH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	APARTMENTS	Cole Information Services
	A CHURCH O ST JAMES	Cole Information Services

SCHAEFER ST

2L SCHAEFER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LETICIA FLORES	Cole Information Services
	JAMES FLEMING	Cole Information Services

9 SCHAEFER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	11 NCL	Hill-Donnelly Corporation

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

1674-1684 Broadway

Address Not Identified in Research Source

1997, 1992, 1980, 1934

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

1640 BROADWAY

1642 BROADWAY

1644 BROADWAY

1650 BROADWAY

1657 BROADWAY

1658 BROADWAY

1659 BROADWAY

1660 BROADWAY

1662 BROADWAY

1662 BROADWAY

1663 BROADWAY

1664 BROADWAY

1665 BROADWAY

1666 BROADWAY

1668 BROADWAY

1669 BROADWAY

1670 BROADWAY

1671 BROADWAY

1672 BROADWAY

1672 BROADWAY

1673 BROADWAY

Address Not Identified in Research Source

2012, 2007, 1997, 1980, 1976, 1973, 1970, 1934

2012, 2007, 2005, 1940, 1934

2012, 2007, 1980, 1976, 1949, 1940, 1934

2012, 2007, 2000, 1997, 1992, 1980, 1976, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1976, 1940, 1934

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1934

2012, 2007, 2005, 2000, 1997, 1992, 1980, 1945, 1934, 1928

2012, 2007, 1980, 1934

2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1934

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1960, 1945, 1934

2012, 2007, 2000, 1997, 1980, 1934

2012, 2007, 2000, 1997, 1992, 1980, 1934

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1945, 1940, 1934

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1945, 1940, 1934

2012, 2007, 2000, 1997, 1992, 1980, 1940, 1934

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1945, 1940, 1934

FINDINGS

Address Researched

Address Not Identified in Research Source

1675 BROADWAY	2012, 2007, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1934
1675 BROADWAY	2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1677 BROADWAY	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1934, 1928
1678 BROADWAY	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1960, 1949, 1945, 1940, 1934, 1928
1679 BROADWAY	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1940, 1934
1681 BROADWAY	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
1685 BROADWAY	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
1689 BROADWAY	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1949, 1945, 1934, 1928
2L SCHAEFER ST	2012, 2007, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
818 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
818 MACDONOUGH	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
818 MACDONOUGH ST	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
820 MACDONOUGH ST	2012, 2007, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
820A MACDONOUGH	2012, 2007, 2005, 2000, 1997, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
822 MACDONOUGH	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
827 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
842A DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
876 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
881 DECATUR AVE	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
892 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
9 SCHAEFER ST	2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
900 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
901 DECATUR ST	2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
924 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
932 DECATUR	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched

936 DECATUR

946 DECATUR

Address Not Identified in Research Source

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

APPENDIX I

FOIL INFORMATION



NELSON, POPE & VOORHIS, LLC
ENVIRONMENTAL PLANNING CONSULTING

PH: (631) 427-5665
FAX: (631) 427-5620

572 Walt Whitman Road
Melville, NY 11747

Transmittal Letter

TO: Fire Department- City of New York
Public Records Unit/Tanks Section
9 MetroTech Center
Brooklyn, NY 11201-3857
Attn: FOIL Officer

Date: Friday, August 22, 2014

Re: 1696-1712 & 1674-1684 Broadway and
768-770 Decatur Street, Brooklyn

NP&V#: 13110 & 13110A

VIA:

 X **Regular Mail**
 Fedex
 Messenger

Enclosed please find the following:

Quantity	Description
3	Tank Request Forms
1	Check #15608 for \$180.00

Remarks:

Dear FOIL Officer:

Please see the enclosed materials sent to you per Steven McGinn's request. Please do not hesitate to contact me should you have any questions or need further assistance.

Sincerely,

NELSON, POPE & VOORHIS, LLC

By: Ashley Marciszyn, Administrative Assistant
Email: amarciszyn@nelsonpopevoorhis.com

cc:

File ✓



FIRE DEPARTMENT - CITY OF NEW YORK
Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442



Tank Request Form

SECTION A

CUSTOMER INFORMATION

Please print your address and contact telephone number.

Ashley Marciszyn/ Steven McGinn -
Nelson, Pope & Voorhis, LLC
572 Walt Whitman Road
Melville, NY 11747

(631) 427-5665 x215
Telephone Number

Processing may take time, please choose one option below:

I will wait for it I will it pick-up Mail it to my address

OFFICE USE ONLY

Cashier / Search No.

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order (made payable to the NYC Fire Department) and a self-addressed envelope (with postal stamp). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.** Cash payments can only be made in person and accepted by our Cashiers Office (9am -3pm).

SECTION B

PLEASE PRINT THE ADDRESS TO BE SEARCHED.

Block: 1503, Lots: 29, 31, 34 and 38

1674-1684
House Number

Broadway
Street Name

Brooklyn
Borough

CUSTOMER - PLEASE READ THE INFORMATION BELOW.

A CERTIFIED REPORT WILL BE MAILED TO THE ADDRESS YOU HAVE PROVIDED WITHIN TEN (10) BUSINESS DAYS AFTER DATE SUBMITTED. COMPUTER PRINTOUTS WILL BE PROVIDED ONLY UPON REQUEST.

After you have received the certified report, you may request a certified computer printouts and/or a copy of any related record for an additional fee of \$0.25 (cents) / per page. The fee for individual copies can only be determined after this search has been completed and you have received the related report. All payments are non-refundable.

Note: All listed tank information come from records, which exist in the FDNY District Office Folders and computer files. Also, please be advised that this search will not include records manually kept by Fire or Engine Companies, unless a summons for "Failure to Comply" was issued.

SECTION C

FUEL (HEATING) OIL TANKS - FEE \$10.00 / PER REPORT

If you would like to obtain a certified report, please complete this section by checking one or more boxes from the selection below.

ITEM 1 - THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS (includes installation date)

ITEM 2 - THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS

ITEM 3 - OTHER: _____

For Office Use Only - Do not write in this section.



NELSON, POPE & VOORHIS, LLC
ENVIRONMENTAL PLANNING CONSULTING

PH: (631) 427-5665
FAX: (631) 427-5620

572 Walt Whitman Road
Melville, NY 11747

Transmittal Letter

TO: Fire Department- City of New York
Public Records Unit/Tanks Section
9 MetroTech Center
Brooklyn, NY 11201-3857
Attn: FOIL Officer

Date: Monday, June 03, 2013

Re: 580 Myrtle Ave., Brooklyn
450-454 South 5th St., Brooklyn
1674-1684 Broadway, Brooklyn

NP&V #: 13137, 13136 & 13110A

VIA:

 Regular Mail
 Fedex
 Messenger

Enclosed please find the following:

Quantity	Description
3	Tank Request Forms
1	Check #14196 for \$180.00 for payment on these Tank Request Forms

Dear FOIL Officer:

Please see the enclosed materials sent to you per Steven McGinn's request. Please do not hesitate to contact me should you have any questions or need further assistance.

Sincerely,

NELSON, POPE & VOORHIS, LLC

By: Ashley Marciszyn, Administrative Assistant
Email: amarciszyn@exchange.np-npv.com

cc:

File ✓



FIRE DEPARTMENT - CITY OF NEW YORK
Public Records Unit / Tanks Section
 9 MetroTech Center
 Brooklyn, New York 11201-3857
 (718) 999-2441 or 2442



Tank Request Form

SECTION A

CUSTOMER INFORMATION

Please print your address and contact telephone number.

OFFICE USE ONLY

Cashier / Search No. _____

Ashley Marciszyn/ Steven McGinn -
 Nelson, Pope & Voorhis, LLC
 572 Walt Whitman Road
 Melville, NY 11747

(631) 427-5665 x215

Telephone Number

Processing may take time, please choose one option below:

I will wait for it I will pick-up Mail it to my address

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order (made payable to the NYC Fire Department) and a self-addressed envelope (with postal stamp). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.** Cash payments can only be made in person and accepted by our Cashiers Office (9am -3pm).

SECTION B

PLEASE PRINT THE ADDRESS TO BE SEARCHED.

Block: 1503, Lots: 29, 31, 34 and 38

1674-1684 Broadway
 House Number Street Name

Brooklyn
 Borough

CUSTOMER - PLEASE READ THE INFORMATION BELOW.

A CERTIFIED REPORT WILL BE MAILED TO THE ADDRESS YOU HAVE PROVIDED WITHIN **TEN (10) BUSINESS DAYS AFTER DATE SUBMITTED.** COMPUTER PRINTOUTS WILL BE PROVIDED ONLY UPON REQUEST.

After you have received the certified report, you may request a certified computer printouts and/or a copy of any related record for an additional fee of \$0.25 (cents) / per page. The fee for individual copies can only be determined after this search has been completed and you have received the related report. All payments are non-refundable.

Note: All listed tank information come from records, which exist in the FDNY District Office Folders and computer files. Also, please be advised that this search will not include records manually kept by Fire or Engine Companies, unless a summons for "Failure to Comply" was issued.

SECTION C

FUEL (HEATING) OIL TANKS - FEE \$10.00 / PER REPORT

If you would like to obtain a certified report, please complete this section by checking one or more boxes from the selection below.

ITEM 1 - THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS (includes installation date)

ITEM 2 - THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS

ITEM 3 - OTHER: _____

For Office Use Only - Do not write in this section.

Searched By: _____ Date: ___/___/___

SECTION D

BURIED MOTOR VEHICLE TANKS - FEE \$10.00 / PER REPORT

If you would like to obtain a certified report, please complete this section by checking one or more boxes from the selection below.

- ITEM 1 - THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS
- ITEM 2 - THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS
- ITEM 3 - MOST RECENT TANK / PIPING TEST RESULTS (includes type of test performed)
- ITEM 4 - HISTORY OF BURIED MOTOR VEHICLE TANKS LEAKS
- ITEM 5 - OTHER: _____

For Office Use Only - Do not write in this section.

Searched By: _____ Date: ___/___/___

SECTION E

PLEASE READ STATEMENT AND SIGN BELOW.

I have read all of the instructions and clearly understand all of the information listed in each completed section.

Customer / Signature: *Michael C. Marcin* Date: 5/30/13

For Office Use Only - Do not write in this section.

Accepted by / Initials: _____ Date: ___/___/___

Total Amount

Certification Stamp

Electronic Stamp Below - Date / Time Received



FIRE DEPARTMENT JUN 19 2013
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

RECEIVED

NELSON & POPE
D.M. ORIO SJM

Ref No: T- 34838

ASHLEY MARCISZYN
NELSON POPE & VOORHIS LLC
572 WALT WHITEMAN RD
MELVILLE, NY 11747

Dear Customer / Representative,

We have completed a search for address and the requested information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	\$20 - Fuel - Existing & Removed		
*Search Address	1674 BROADWAY		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	14196
*Data Entered	6/11/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

CHECKED ALL ADDRESSES.

***Status** Completed - Record not found

**IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF
ALTERED, CORRECTED OR WITHOUT FDNY CERTIFICATION
STAMP AND UNIT EMPLOYEE'S SIGNATURE.**

Place FDNY Certification Stamp Below

THIS IS TO CERTIFY THAT
THIS IS A TRUE COPY OF
THE ORIGINAL DOCUMENT
ON FILE WITH FDNY/EMS
SIGNATURE *DR*

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 6/11/2013 CC
C- 6/13/2013 DR



FIRE DEPARTMENT
9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

RECEIVED

JUN 19 2013

PUBLIC RECORDS UNIT
TANKS SECTION

NELSON & POPE

AMORIC STM

Ref No: **T- 34839**

ASHLEY MARCISZYN
NELSON POPE & VOORHIS LLC
572 WALT WHITEMAN RD
MELVILLE, NY 11747

Dear Customer / Representative,

We have completed a search for address and the requested information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	\$20 - Motor - Existing & Removed		
*Search Address	1674 BROADWAY		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	14196
*Data Entered	6/11/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

***Status** Completed - Record not found

**IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF
ALTERED, CORRECTED OR WITHOUT FDNY CERTIFICATION
STAMP AND UNIT EMPLOYEE'S SIGNATURE.**

Place FDNY Certification Stamp Below

THIS IS TO CERTIFY THAT
THIS IS A TRUE COPY OF
THE ORIGINAL DOCUMENT
ON FILE WITH FDNYEMS

SIGNATURE

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 6/11/2013 CC
C- 6/13/2013 DR



FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

RECEIVED

JUN 19 2013

NELSON & POPE

A.M. OFIC SSM

Ref No: T- 34840

ASHLEY MARCISZYN
 NELSON POPE & VOORHIS LLC
 572 WALT WHITEMAN RD
 MELVILLE, NY 11747

Dear Customer / Representative,

We have completed a search for address and the requested information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	\$20 - Motor - Test & Leaks		
*Search Address	1674 BROADWAY		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	14196
*Data Entered	6/11/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

***Status** Completed - Record not found

**IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF
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 STAMP AND UNIT EMPLOYEE'S SIGNATURE.**

Place FDNY Certification Stamp Below

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 THIS IS A TRUE COPY OF
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 OF THE CITY OF NEW YORK
 FIRE DEPARTMENT
 PUBLIC RECORDS UNIT
 DR

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 6/11/2013 CC
 C- 6/13/2013 DR



FIRE DEPARTMENT JUN 19 2013

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

RECEIVED

NELSON & POPE
D.M. Oric SJM

Ref No: T- 34838

ASHLEY MARCISZYN
NELSON POPE & VOORHIS LLC
572 WALT WHITEMAN RD
MELVILLE, NY 11747

Dear Customer / Representative,

We have completed a search for address and the requested information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	\$20 - Fuel - Existing & Removed		
*Search Address	1674 BROADWAY		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	14196
*Data Entered	6/11/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

CHECKED ALL ADDRESSES.

***Status** Completed - Record not found

IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF ALTERED, CORRECTED OR WITHOUT FDNY CERTIFICATION STAMP AND UNIT EMPLOYEE'S SIGNATURE.

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ON FILE WITH FDNYEMS
SIGNATURE *DR*

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Thank you,

Public Records Representative

E- 6/11/2013 CC
C- 6/13/2013 DR



FIRE DEPARTMENT

JUN 19 2013

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

NELSON & POPE

AMORIC SJM

Ref No: T- 34839

ASHLEY MARCISZYN
NELSON POPE & VOORHIS LLC
572 WALT WHITEMAN RD
MELVILLE, NY 11747

Dear Customer / Representative,

We have completed a search for address and the requested information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	\$20 - Motor - Existing & Removed		
*Search Address	1674 BROADWAY		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	14196
*Data Entered	6/11/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

***Status** Completed - Record not found

**IMPORTANT NOTICE: THIS REPORT IS NOT VALID IF
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THE ORIGINAL DOCUMENT
ON FILE WITH FDNYEMS

SIGNATURE *[Signature]*

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 6/11/2013 CC
C- 6/13/2013 DR



FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-2857

**PUBLIC RECORDS UNIT
TANKS SECTION**

RECEIVED

JUN 19 2013

NELSON & POPE

AM. OFF. SJM

Ref No: T- 34840

ASHLEY MARCISZYN
NELSON POPE & VOORHIS LLC
572 WALT WHITEMAN RD
MELVILLE, NY 11747

Dear Customer / Representative,

We have completed a search for address and the requested information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

*Search Type Customer Requested	\$20 - Motor - Test & Leaks		
*Search Address	1674 BROADWAY		
*Borough	04 - Brooklyn		
*Payment Type	02-Check	*Payment No.	14196
*Data Entered	6/11/2013	*Entered By	CC
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

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***Status** Completed - Record not found

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SIGNATURE DR

If you need further assistance or additional information, please call (718) 999-2441; 8 am - 4pm (Monday - Friday).

Thank you,

Public Records Representative

E- 6/11/2013 CC
C- 6/13/2013 DR



NYC Department of Buildings
Property Profile Overview

1672 BROADWAY		BROOKLYN 11207		BIN# 3040472	
BROADWAY	1672 - 1672	Health Area	: 3100	Tax Block	: 1503
		Census Tract	: 373	Tax Lot	: 29
		Community Board	: 316	Condo	: NO
		Buildings on Lot	: 3	Vacant	: NO

[View DCP Addresses...](#) [Browse Block](#)
[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s):	SCHAEFER STREET, DECATUR STREET		
DOB Special Place Name:	DM SIGN-OFF REQUIRED		
DOB Building Remarks:	LOTS 29/31/34/38 MERGED INTO NEW LOT 29; NEW ADDRESS = 1676 BROADWAY (06/2014)		
Landmark Status:		Special Status:	N/A
Local Law:	NO	Loft Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Additional BINs for Building:	NONE		
Special District:	UNKNOWN		

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: K2-STORE BUILDING
Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	2	0	Elevator Records
Violations-DOB	9	4	Electrical Applications
Violations-ECB (DOB)	0	0	Permits In-Process / Issued
Jobs/Filings	2		Illuminated Signs Annual Permits
ARA / LAA Jobs	2		Plumbing Inspections
Total Jobs	4		Open Plumbing Jobs / Work Types
Actions	22		Facades
			Marquee Annual Permits
OR Enter Action Type: <input type="text"/>			Boiler Records
OR Select from List: <input type="text" value="Select..."/>			DEP Boiler Information
AND <input type="button" value="Show Actions"/>			Crane Information
			After Hours Variance Permits



NYC Department of Buildings
C of O PDF Listing for Property

Premises: 1672 BROADWAY BROOKLYN BIN: [3040472](#) Block: 1503 Lot: 29

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

To report a problem with any of these images, please use the [CO Image Problem Form](#)

JOB 300854074: NO C/Os ISSUED OR NO IMAGE AVAILABLE
[Back](#)



NYC Department of Buildings
Permits In-Process / Issued by Premises

Page: 1 of 1

Premises: 1672 BROADWAY BROOKLYN				BIN: 3040472 Block: 1503 Lot: 29		
NUMBER	JOB TYPE	SEQ NO	ISSUED DATE	EXPIRATION DATE	STATUS	APPLICANT NAME
300854074-01-AL	A1 - ALT1	01	09/27/1999	01/21/2000	ISSUED	HENRY STAN

NYC Department of Buildings
Work Permit Data

Premises: 1672 BROADWAY BROOKLYN			Filed At: 1672 BROADWAY BROOKLYN		
BIN: 3040472	Block: 1503	Lot: 29	Job Type: A1 - ALTERATION TYPE 1		

Job No: 300854074	Fee: STANDARD
Permit No: 300854074-01-AL	Issued: 09/27/1999
Seq. No.: 01	Expires: 01/21/2000
Work: ALTERATION TYPE 1 -	Filing Date: 09/27/1999 INITIAL
ERECT 2ND STORY ON EXISTING COMMERCIAL BUILDING.	Status: ISSUED
	Proposed Job Start: 09/27/1999
	Work Approved: 09/15/1999

Use: COM - COMMERCIAL BUILDINGS - OLD CODE Landmark: NO Stories: 0
Review is requested under Building Code: Prior-to-1968

Issued to: STAN HENRY	GENERAL CONTRACTOR: 0009927-GC
Business: HENRY BUILDER & GENERAL CONTRACT	Phone: 718-452-0008
960 HALSEY STREET BROOKLYN NY 11233	

Property Profile Overview

NO MARQUEE RECORDS FOUND FOR THIS PROPERTY

72 BROADWAY ROADWAY	1672 - 1672	BROOKLYN 11207	BIN# 3040472
		Health Area : 3100	Tax Block : 1503
		Census Tract : 373	Tax Lot : 29
		Community Board : 316	Condo : NO
		Buildings on Lot : 3	Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)
[View Zoning Documents](#) [View Challenge Results](#) [View DCE DA](#) [View Certificates of Occupancy](#)



NYC Department of Buildings
Boiler Query

Premises: 1672 BROADWAY BROOKLYN							BIN: 3040472 Block: 1503 Lot: 29	
VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME	
N	823451	N	01	ACTIVE	11/06/2013	12/13/2013	O 004242 LATORA VINCENT	

**NYC Department of Buildings
Boiler Details**

Premises: 1672 BROADWAY BROOKLYN BIN: [3040472](#) Block: 1503 Lot: 29

Boiler-No: 823451 Serial-No: 01 Type: COMMERCIAL LOW PRESSURE
Boiler Status: ACTIVE Review Required:

Filed At: 1672 BROADWAY BIN: [3040472](#) BBL: 3-01503-00029

Located in: N/A
Make of Boiler: Year:
Over6: No No-of-Boilers: 01
Fee: Yes School: No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
11/06/2013	12/13/2013	01/15/2014	LATORA VINCENT	NO DEFECTS	O 004242
04/12/2012	05/09/2012	06/14/2012	LATORA VINCENT	NO DEFECTS	O 004242
01/11/2011	02/23/2011	03/07/2011	LATORA VINCENT	NO DEFECTS	O 004242
10/14/2004			DIBONO 2157 (ZJ)	F/T PASSED 301607704	
10/01/2004			DIBONO 2157 (ZJ)	F/T FAILED 301607704	

**NYC Department of Buildings
Complaints By Address**

Click [here](#) for information on how to remove a Stop Work Order from your property

Page: 1 of 1

2 Total Complaints [View SWO Complaints](#) BIN: [3040472](#)

Looking for a list of complaint [category codes](#) or [disposition codes](#)?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
3045786	1672 BROADWAY	02/08/1996	43	02/14/1996	H1	RES
3045739	1672 BROADWAY	02/06/1996	29	02/14/1996	I2	RES



NYC Department of Buildings

Overview for Complaint #:3045786 = RESOLVED

Complaint at: 1672 BROADWAY BIN: [3040472](#) Borough: BROOKLYN ZIP: 11207

Re: STRUCTURAL STABILITY AFFECTED ENTIRE BUILDING

Category Code: 43 STRUCTURAL STABILITY AFFECTED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE

Priority: C

Received from FDNY : A8/320

Received: 02/08/1996 11:02 Block: 1503 Lot: 29 Community Board: 316

Owner: SADIE FORMISANO

Last Inspection: 02/14/1996 -- BY BADGE # 0763

Disposition: 03/05/1996 - H1 - PLEASE SEE COMPLAINT NUMBER [3045739](#)

Comments: SEE REFERENCE COMPLAINT NUMBER

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
------------------	------	-------------	---------------	------

NYC Department of Buildings
Overview for Complaint #:3045739 = RESOLVED

Complaint at: 1672 BROADWAY BIN: [3040472](#) Borough: BROOKLYN ZIP: 11207
 Re: VACANT AND UNSAFE BUILDING

Category Code: 29 BUILDING - VACANT, OPEN AND UNGUARDED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE Priority: C
 Received from FDNY

Received: 02/06/1996 11:32 Block: 1503 Lot: 29 Community Board: 316
 Owner: SADIE FORMISANO

Last Inspection: 02/14/1996 - - BY BADGE # 0763
 Disposition: 03/05/1996 - I2 - NO VIOLATION WARRANTED FOR COMPLAINT AT TIME OF INSPECTION
 Comments: BUILDING CLOSED TO UNAUTHORIZED ENTRY AND SEALED. AT TIME OF INSPECTION

Complaint Disposition History

Disposition Date	Disposition Code	Disposition	Inspection By	Date
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NYC Department of Buildings
DOB Violations

Page: 1

Premises: 1672 BROADWAY BROOKLYN		BIN: 3040472	Block: 1503	Lot: 29
NUMBER	TYPE	FILE DATE		
V* 102981C11P1	DOB VIOLATION - CLOSED	10/29/1981		
CLOSURE DATE: 09/28/2011				
V* 071087ESST1603W	DOB VIOLATION - DISMISSED	00/00/1987		
V* 071087ESST1303W	DOB VIOLATION - DISMISSED	07/10/1987		
DISMISSAL DATE: 05/03/2007 AGENCY LICENSE: PPN291				
V* 010606LL629118869	DOB VIOLATION - DISMISSED	01/06/2006		
V* 011907LL629119221	DOB VIOLATION - DISMISSED	01/19/2007		
V 010308LL629119019	DOB VIOLATION - ACTIVE	01/03/2008		
V 010109LL629119032	DOB VIOLATION - ACTIVE	01/01/2009		
V 123109LBLVIO11534	DOB VIOLATION - ACTIVE	12/31/2009		
V 121311LBLVIO09723	DOB VIOLATION - ACTIVE	12/13/2011		



NYC Department of Buildings
DOB Violation Display for 010606LL629118869

Premises: 1672 BROADWAY BROOKLYN **BIN:** [3040472](#) **Block:** 1503 **Lot:** 29

Issue Date: 01/06/2006 **Violation Category:** V* - DOB VIOLATION - DISMISSED
Violation Type: LL6291 - LOCAL LAW 62/91 - BOILERS
Violation Number: 18869 **Device No.:** 00823451 - 01-COMMERCIAL

ECB No.:
Infraction Codes:
Description:

Click [here](#) to view the Civil Penalty Chart.

Disposition:

Code: D - DISMISSED **Date:** 04/19/2007

Inspector:

Comments: CIALDE CANCEL-TIMELY INSPEC. @ 1674 BWAY



NYC Department of Buildings
DOB Violation Display for 011907LL629119221

Premises: 1672 BROADWAY BROOKLYN **BIN:** [3040472](#) **Block:** 1503 **Lot:** 29

Issue Date: 01/19/2007 **Violation Category:** V* - DOB VIOLATION - DISMISSED
Violation Type: LL6291 - LOCAL LAW 62/91 - BOILERS
Violation Number: 19221 **Device No.:** 00823451 - 01-COMMERCIAL

ECB No.:
Infraction Codes:
Description:

Click [here](#) to view the Civil Penalty Chart.

Disposition:

Code: D - DISMISSED **Date:** 04/19/2007

Inspector:

Comments: CIALDE CANCEL-TIMELY INSPEC. @ 1674 BWAY

NYC Department of Buildings

DOB Violation Display for 010308LL629119019

Premises: 1672 BROADWAY BROOKLYN **BIN:** [3040472](#) **Block:** 1503 **Lot:** 29

Issue Date: 01/03/2008 **Violation Category:** V - DOB VIOLATION - ACTIVE
Violation Type: LL6291 - LOCAL LAW 62/91 - BOILERS
Violation Number: 19019 **Device No.:** 00823451 - 01-COMMERCIAL

ECB No.:
Infraction Codes:
Description:

Click [here](#) to view the Civil Penalty Chart.

Disposition:

Code: **Date:**

Inspector:

Comments:

NYC Department of Buildings
DOB Violation Display for 010109LL629119032

Premises: 1672 BROADWAY BROOKLYN **BIN:** [3040472](#) **Block:** 1503 **Lot:** 29

Issue Date: 01/01/2009 **Violation Category:** V - DOB VIOLATION - ACTIVE
Violation Type: LL6291 - LOCAL LAW 62/91 - BOILERS
Violation Number: 19032 **Device No.:** 00823451 - 01-COMMERCIAL

ECB No.:

Infraction Codes:

Description:

Click [here](#) to view the Civil Penalty Chart.

Disposition:

Code: **Date:**

Inspector:

Comments:

NYC Department of Buildings
DOB Violation Display for 123109LBLVIO11534

Premises: 1672 BROADWAY BROOKLYN **BIN:** [3040472](#) **Block:** 1503 **Lot:** 29

Issue Date: 12/31/2009 **Violation Category:** V - DOB VIOLATION - ACTIVE
Violation Type: LBLVIO - LOW PRESSURE BOILER
Violation Number: 11534 **Device No.:** 00823451 - 01-COMMERCIAL

ECB No.:

Infraction Codes:

Description:

Click [here](#) to view the Civil Penalty Chart.

Disposition:

Code: **Date:**

Inspector:

Comments:



NYC Department of Buildings
DOB Violation Display for 121311LBLVIO09723

Premises: 1672 BROADWAY BROOKLYN **BIN:** [3040472](#) **Block:** 1503 **Lot:** 29

Issue Date: 12/13/2011 **Violation Category:** V - DOB VIOLATION - ACTIVE
Violation Type: LBLVIO - LOW PRESSURE BOILER
Violation Number: 09723 **Device No.:** 00823451 - 01-COMMERCIAL

ECB No.:

Infraction Codes:

Description: VIOLATION ISSUED FOR FAILURE TO FILE ANNUAL BOILER 2010 INSPECTION REPORT

Click [here](#) to view the Civil Penalty Chart.

Disposition:

Code: **Date:**

Inspector:

Comments:

NYC Department of Buildings

Complaints By Address

Click [here](#) for information on how to remove a Stop Work Order from your property

Page: 1 of 1

2 Total Complaints [View SWO Complaints](#) BIN: [3040472](#)

Looking for a list of complaint [category codes](#) or [disposition codes](#)?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
3045786	1672 BROADWAY	02/08/1996	43	02/14/1996	H1	RES
3045739	1672 BROADWAY	02/06/1996	29	02/14/1996	I2	RES

NYC Department of Buildings

Overview for Complaint #:3045786 = RESOLVED

Complaint at: 1672 BROADWAY BIN: [3040472](#) Borough: BROOKLYN ZIP: 11207

Re: STRUCTURAL STABILITY AFFECTED ENTIRE BUILDING

Category Code: 43 STRUCTURAL STABILITY AFFECTED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE

Priority: C

Received from FDNY: A8/320

Received: 02/08/1996 11:02 **Block:** 1503 **Lot:** 29 **Community Board:** 316

Owner: SADIE FORMISANO

Last Inspection: 02/14/1996 - - BY BADGE # 0763

Disposition: 03/05/1996 - H1 - PLEASE SEE COMPLAINT NUMBER [3045739](#)

Comments: SEE REFERENCE COMPLAINT NUMBER

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
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NYC Department of Buildings

Overview for Complaint #:3045739 = RESOLVED

Complaint at: 1672 BROADWAY BIN: [3040472](#) Borough: BROOKLYN ZIP: 11207

Re: VACANT AND UNSAFE BUILDING

Category Code: 29 BUILDING - VACANT, OPEN AND UNGUARDED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE

Priority: C

Received from FDNY

Received: 02/06/1996 11:32 **Block:** 1503 **Lot:** 29 **Community Board:** 316

Owner: SADIE FORMISANO

Last Inspection: 02/14/1996 - - BY BADGE # 0763

Disposition: 03/05/1996 - I2 - NO VIOLATION WARRANTED FOR COMPLAINT AT TIME OF INSPECTION

Comments: BUILDING CLOSED TO UNAUTHORIZED ENTRY AND SEALED. AT TIME OF INSPECTION

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
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**NYC Department of Buildings
DOB Violations**

Page: 1

Premises: 1672 BROADWAY BROOKLYN		BIN: 3040472	Block: 1503	Lot: 29
NUMBER	TYPE	FILE DATE		
V* 102981C11P1	DOB VIOLATION - CLOSED	10/29/1981		
CLOSURE DATE: 09/28/2011				
V* 071087ESST1603W	DOB VIOLATION - DISMISSED	00/00/1987		
V* 071087ESST1303W	DOB VIOLATION - DISMISSED	07/10/1987		
DISMISSAL DATE: 05/03/2007 AGENCY LICENSE: PPN291				
V* 010606LL629118869	DOB VIOLATION - DISMISSED	01/06/2006		
V* 011907LL629119221	DOB VIOLATION - DISMISSED	01/19/2007		
V 010308LL629119019	DOB VIOLATION - ACTIVE	01/03/2008		
V 010109LL629119032	DOB VIOLATION - ACTIVE	01/01/2009		
V 123109LBLVIO11534	DOB VIOLATION - ACTIVE	12/31/2009		
V 121311LBLVIO09723	DOB VIOLATION - ACTIVE	12/13/2011		

**NYC Department of Buildings
DOB Violation Display for 010606LL629118869**

Premises: 1672 BROADWAY BROOKLYN		BIN: 3040472	Block: 1503	Lot: 29
Issue Date:	01/06/2006	Violation Category: V* - DOB VIOLATION - DISMISSED		
Violation Type:	LL6291 - LOCAL LAW 62/91 - BOILERS			
Violation Number:	18869	Device No.:	00823451 - 01-COMMERCIAL	
ECB No.:				
Infraction Codes:				
Description:				
Disposition:				
Code:	D - DISMISSED	Date:	04/19/2007	
Inspector:				
Comments:	CIALDE CANCEL-TIMELY INSPEC. @ 1674 BWAY			

**NYC Department of Buildings
DOB Violation Display for 011907LL629119221**

Premises: 1672 BROADWAY BROOKLYN		BIN: 3040472	Block: 1503	Lot: 29
Issue Date:	01/19/2007	Violation Category: V* - DOB VIOLATION - DISMISSED		
Violation Type:	LL6291 - LOCAL LAW 62/91 - BOILERS			
Violation Number:	19221	Device No.:	00823451 - 01-COMMERCIAL	
ECB No.:				
Infraction Codes:				
Description:				
Disposition:				
Code:	D - DISMISSED	Date:	04/19/2007	
Inspector:				
Comments:	CIALDE CANCEL-TIMELY INSPEC. @ 1674 BWAY			

NYC Department of Buildings
DOB Violation Display for 010308LL629119019

Premises: 1672 BROADWAY BROOKLYN **BIN: [3040472](#) Block: 1503 Lot: 29**

Issue Date: 01/03/2008 Violation Category: V - DOB VIOLATION - ACTIVE
Violation Type: LL6291 - LOCAL LAW 62/91 - BOILERS
Violation Number: 19019 Device No.: 00823451 - 01-COMMERCIAL
ECB No.:
Infraction Codes:
Description:

Disposition:

Code: Date:
Inspector:
Comments:

NYC Department of Buildings
DOB Violation Display for 010109LL629119032

Premises: 1672 BROADWAY BROOKLYN **BIN: [3040472](#) Block: 1503 Lot: 29**

Issue Date: 01/01/2009 Violation Category: V - DOB VIOLATION - ACTIVE
Violation Type: LL6291 - LOCAL LAW 62/91 - BOILERS
Violation Number: 19032 Device No.: 00823451 - 01-COMMERCIAL
ECB No.:
Infraction Codes:
Description:

Disposition:

Code: Date:
Inspector:
Comments:

NYC Department of Buildings
DOB Violation Display for 123109LBLVIO11534

Premises: 1672 BROADWAY BROOKLYN **BIN: [3040472](#) Block: 1503 Lot: 29**

Issue Date: 12/31/2009 Violation Category: V - DOB VIOLATION - ACTIVE
Violation Type: LBLVIO - LOW PRESSURE BOILER
Violation Number: 11534 Device No.: 00823451 - 01-COMMERCIAL
ECB No.:
Infraction Codes:
Description:

Disposition:

Code: Date:
Inspector:
Comments:

NYC Department of Buildings
DOB Violation Display for 121311LBLVIO09723

Premises: 1672 BROADWAY BROOKLYN **BIN: [3040472](#) Block: 1503 Lot: 29**

Issue Date: 12/13/2011 Violation Category: V - DOB VIOLATION - ACTIVE
Violation Type: LBLVIO - LOW PRESSURE BOILER
Violation Number: 09723 Device No.: 00823451 - 01-COMMERCIAL
ECB No.:
Infraction Codes:
Description: VIOLATION ISSUED FOR FAILURE TO FILE ANNUAL BOILER 2010 INSPECTION REPORT

Disposition:

Code: Date:
Inspector:
Comments:

NYC Department of Buildings
Job Overview

Page: 1 of 1

Premises: 1672 BROADWAY BROOKLYN

BIN: [3040472](#) Block: 1503 Lot: 29

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types Show All Filings

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
05/12/1999	300854074	01	A1	Q PERMIT-PARTIAL	09/27/1999	0075316 PE	SCHNALL		NOT APPLICABLE
ERECT 2ND STORY ON EXISTING COMMERCIAL BUILDING. Work on Floor(s): 001									
05/14/1999	300854074	02	A1	R PERMIT-ENTIRE	09/27/1999	0075316 PE	SCHNALL		NOT APPLICABLE
ERECT 2 STORY ON EXISTING COMM BUILDING Work on Floor(s): 001									

NYC Department of Buildings
Job Overview
ARA / LAA Job Overview

Page: 1 of 1

Premises: 1672 BROADWAY BROOKLYN

BIN: [3040472](#) Block: 1503 Lot: 29

To start overview at new date, select Month: Day: Year:

FILE DATE	JOB #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT
12/30/2003	301456751	PR	E LAA FILED	12/30/2003	MP 001171	HILL
INSTALLING ONE GALAXY GAS FIRED BOILER IN THE BASEMENT, VENTED THROUGH THE Work on Floor(s): BAS						
08/31/2004	301607704	PR	E LAA FILED	08/31/2004	MP 001855	BEALON
INSTALLING 1 GALAXY GAS FIRED BOILER IN THE BASEMENT VENTED THROUGH THE Work on Floor(s): BAS						

NYC Department of Buildings

ARA Application Details

Premises: 1672 BROADWAY BROOKLYN

BIN: [3040472](#) Block: 1503 Lot: 29

ARA #: 301456751

[Documents Collected](#) |
 [Plumbing Insp](#) |
 [Payment History](#) |
 [Virtual Job Folder](#)

[Printable \(PDF\) version of Permit](#)

Last Action: APPROVED - 12/30/2003 (E)

Pre-Filed: 12/30/2003

Approved: 12/30/2003

Expiration: 12/30/2004

Building Type: COMMERCIAL

Fee Structure: STANDARD

Estimated Total Cost: \$4,600.00

Electronically Filed: No

[Work Description](#)

Location Information (Filed At)

House No(s): 1672

Street Name: BROADWAY

Borough: BROOKLYN

Block: 1503

Lot: 29

BIN: [3040472](#)

CB No: 316

Work on Floor(s): BAS

Applicant of Record

Name: DENNIS HILL

Business Name: WADE PLBG & HTG

Business Phone: 718-760-3438

Business Address: 52-10 108 STREET, CORONA, NY 11368

License Type: MASTER PLUMBER

License Number: [001171](#)

Applicant Insured By: COLONIAL COOP INS. CO

Insurance Expires: 04/23/2004

Work Detail

Plumbing: GAS EQUIPMENT/PIPING

Description of Work:

INSTALLING ONE GALAXY GAS FIRED BOILER IN THE BASEMENT, VENTED THROUGH THE EX-ISTING CHIMNEY. REMOVING ONE OLD BOILER AND REPLACING IT WITH THE GALAXY.

Gas Boiler Data

QTY	ITEM TRADE NAME	MEA / AGENCY #	MODEL #	INPUT BTU	OUTPUT BTU
1	GALAXY	25-96-E	GXH275	223000	200000

Additional Gas Information

Meters: 1 IN THE BASEMENT

Risers: 1 IN THE BASEMENT

Gas Uses: Heat

*Gas Service Required From Utility

Asbestos Abatement Compliance

ACPS Form filed with DOB

Owner: STANLEY HENRY

Phone: 718-452-0008

N/A

1672 BROADWAY BROOKLYN NY 112070000

NYC Department of Buildings
DOB Violations

Page: 1

Premises: 1672 BROADWAY BROOKLYN		BIN: 3040472	Block: 1503	Lot: 29
NUMBER	TYPE	FILE DATE		
A 9428(1672)-062436	ALTERATION	00/00/1906		
A 9428-063036	ALTERATION	00/00/1906		
ALT 2055-051104	ALTERATION	00/00/1904		
ALT 7070-070532	ALTERATION	00/00/1907		
ALT 5988-082910	ALTERATION	00/00/1910		
ALT 1226-031111	ALTERATION	00/00/1911		
ALT 941-1672-092280	ALTERATION	00/00/1916		
ES 2286-022736	ELECTRIC SIGN	00/00/1902		
ES 1682-060236	ELECTRIC SIGN	00/00/1906		
ES 4967-071333	ELECTRIC SIGN	00/00/1907		
ES 6906-071133	ELECTRIC SIGN	00/00/1907		
ES 13055-092723	ELECTRIC SIGN	00/00/1909		
ES 17580-092423	ELECTRIC SIGN	00/00/1909		
PRS 2774(1672)-052060	PLUMBING REPAIR SLIP	00/00/1905		
SEAS 1674-8		00/00/0000		
UNK 3-1-19141674B*WAY	UNKNOWN	00/00/0000		
UNK 12-11-82	UNKNOWN	00/00/1911		
UNK 5-19-8105-12-81P-03-2-16	UNKNOWN	00/00/1919		
UNK 10-30-81	UNKNOWN	00/00/1981		
V* 102981C11P1	DOB VIOLATION - CLOSED	10/29/1981		
CLOSURE DATE: 09/28/2011				
V* 071087ESST1603W	DOB VIOLATION - DISMISSED	00/00/1987		
V* 071087ESST1303W	DOB VIOLATION - DISMISSED	07/10/1987		
DISMISSAL DATE: 05/03/2007 AGENCY LICENSE: PPN291				
VACA 24-082280		00/00/1908		
WB** 908-167211-2-81-082280		00/00/1916		
WSWS 59'4"NDECATUR		00/00/0000		
NUMBER	TYPE	FILE DATE		
V* 010606LL629118869	DOB VIOLATION - DISMISSED	01/06/2006		
V* 011907LL629119221	DOB VIOLATION - DISMISSED	01/19/2007		
V 010308LL629119019	DOB VIOLATION - ACTIVE	01/03/2008		
V 010109LL629119032	DOB VIOLATION - ACTIVE	01/01/2009		
V 123109LBLVIO11534	DOB VIOLATION - ACTIVE	12/31/2009		
V 121311LBLVIO09723	DOB VIOLATION - ACTIVE	12/13/2011		

NYC Department of Buildings
Permits In-Process / Issued by Premises

Page: 1 of 1

Premises: 1672 BROADWAY BROOKLYN		BIN: 3040472	Block: 1503	Lot: 29		
NUMBER	JOB TYPE	SEQ NO	ISSUED DATE	EXPIRATION DATE	STATUS	APPLICANT NAME
=						
300854074-01-AL	A1 - ALT1	01	09/27/1999	01/21/2000	ISSUED	HENRY STAN

NYC Department of Buildings

Work Permit Data

Premises: 1672 BROADWAY BROOKLYN Filed At: 1672 BROADWAY BROOKLYN
 BIN: [3040472](#) Block: 1503 Lot: 29 Job Type: A1 - ALTERATION TYPE 1

Job No: [300854074](#) Fee: STANDARD
 Permit No: 300854074-01-AL Issued: 09/27/1999 Expires: 01/21/2000
 Seq. No.: 01 Filing Date: 09/27/1999 INITIAL Status: ISSUED
 Work: Proposed Job Start: 09/27/1999 Work Approved: 09/15/1999

ALTERATION TYPE 1 -
 ERECT 2ND STORY ON EXISTING COMMERCIAL BUILDING.

Use: COM - COMMERCIAL BUILDINGS - OLD CODE Landmark: NO Stories: 0
 Review is requested under Building Code: Prior-to-1968

Issued to: STAN HENRY GENERAL CONTRACTOR: [0009927-GC](#)
 Business: HENRY BUILDER & GENERAL CONTRACT Phone: 718-452-0008
 960 HALSEY STREET BROOKLYN NY 11233

NYC Department of Buildings

Boiler Query

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME
N	823451	N	01	ACTIVE	04/12/2012	05/09/2012	O 004242 LATORA VINCENT

NYC Department of Buildings

Boiler Details

Premises: 1672 BROADWAY BROOKLYN BIN: [3040472](#) Block: 1503 Lot: 29

Boiler-No: 823451 Serial-No: 01 Type: COMMERCIAL LOW PRESSURE
 Boiler Status: ACTIVE Review Required:

Filed At: 1672 BROADWAY BIN: [3040472](#) BBL: 3-01503-00029

Located in: N/A
 Make of Boiler: Year:
 Over6: No No-of-Boilers: 01
 Fee: Yes School: No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
04/12/2012	05/09/2012	06/14/2012	LATORA VINCENT	NO DEFECTS	O 004242
01/11/2011	02/23/2011	03/07/2011	LATORA VINCENT	NO DEFECTS	O 004242

10/14/2004 DIBONO 2157 (ZJ) F/T PASSED 301607704
 10/01/2004 DIBONO 2157 (ZJ) F/T FAILED 301607704

NYC Department of Buildings

NYC DEP Boiler Information

Premises: 1672 BROADWAY BROOKLYN BIN: [3040472](#) Block: 1503 Lot: 29

***THERE IS NO DEP BOILER INFORMATION AVAILABLE FOR THIS BOROUGH / BLOCK / LOT**

NYC Department of Buildings

Complaints By Address

Click [here](#) for information on how to remove a Stop Work Order from your property

Page: 1 of 1

5 Total Complaints

[View SWO Complaints](#) BIN: 3040473

Looking for a list of complaint [category codes](#) or [disposition codes](#)?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
3069465	1674 BROADWAY	02/17/1999	73	03/02/1999	B1	RES
3045790	1674 BROADWAY	02/08/1996	43	02/14/1996	I1	RES
3045740	1674 BROADWAY	02/06/1996	29	02/14/1996	I1	RES
3006546	1674 BROADWAY	11/30/1989	44	08/21/1990	I1	RES
3002716	1674 BROADWAY	05/30/1989	29	09/13/1989	B1	RES

Overview for Complaint #:3069465 = RESOLVED

Complaint at: 1674 BROADWAY BIN: [3040473](#) Borough: BROOKLYN ZIP: 11207

Re: NO FIRE RETARDING FOR STEEL BEAM USED AS A ROOF JOIST MIDDLEOF ROOF ON INTERIOR

Category Code: 73 FAILURE TO MAINTAIN

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE

Priority: C

Received from FDNY

Received: 02/17/1999 15:05 Block: 1503 Lot: 31 Community Board: 316

Owner: JONES ALFONSO

Last Inspection: 03/02/1999 - - BY BADGE # 0788

Disposition: 03/04/1999 - B1 - BUILDINGS VIOLATION(S) PREPARED & ATTEMPT TO SERVE WILL BE MADE

Comments: NO FIRE RETARDANT OR STEEL BEAM CEILING LEVEL INT. VIOL ISSU ED

DOB Violation #: 030299C16JL02

ECB Violation #s: 34195283N

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
------------------	------	-------------	---------------	------

Overview for Complaint #:3045790 = RESOLVED

Complaint at: 1674 BROADWAY **BIN:** 3040473 **Borough:** BROOKLYN **ZIP:** 11207
Re: VACANT BUILDING NOT BOARDED UP ENTIRE BUILDING. STRUCTURALSTABILITY ENTIRE BUILDING

Category Code: 43 STRUCTURAL STABILITY AFFECTED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE
Received from FDNY : A8/318

Priority: C

Received: 02/08/1996 11:10 **Block:** 1503 **Lot:** 31 **Community Board:** 316
Owner: JONES ALFONSO

Last Inspection: 02/14/1996 -- BY BADGE # 0763
Disposition: 03/06/1996 - I1 - COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS
Comments: UB #288/1989 PENDING SENT IN REPORT TO H.P.D. FOR SEAL UP NO ENTRY TO BUILDING CLOSED

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
03/05/1996	I1	COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS UB #288/1989 PENDING SENT IN REPORT TO H.P.D. FOR SEAL UP NO	0763	02/14/1996
03/06/1996	I1	COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS UB #288/1989 PENDING SENT IN REPORT TO H.P.D. FOR SEAL UP NO	0763	02/14/1996

Overview for Complaint #:3045740 = RESOLVED

Complaint at: 1674 BROADWAY **BIN:** 3040473 **Borough:** BROOKLYN **ZIP:** 11207
Re: WACANT AND UNSAFE BUILDING

Category Code: 29 BUILDING - VACANT, OPEN AND UNGUARDED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE
Received from FDNY

Priority: C

Received: 02/06/1996 11:41 **Block:** 1503 **Lot:** 31 **Community Board:** 316
Owner: JONES ALFONSO

Last Inspection: 02/14/1996 -- BY BADGE # 0763
Disposition: 03/05/1996 - I1 - COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS
Comments: UB#288/96 PENDING SENT LETTER TO H.P.D. FOR SEAL UP

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
------------------	------	-------------	---------------	------

Overview for Complaint #:3006546 = RESOLVED

Complaint at: 1674 BROADWAY **BIN:** 3040473 **Borough:** BROOKLYN **ZIP:** 11207

Re: RUBBISH IN BUILDING AND SIDEWALK. PORTABLE HEATER IS BEINGUSED, COULD CAUSE FIRE

Category Code: 44 FIREPLACE/WOOD STOVE - ILLEGAL

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE

Priority: C

Received from FDNY: 1051 8A

Received: 11/30/1989 14:16 **Block:** 1503 **Lot:** 31 **Community Board:** 316

Owner: BANGAR REALTY CORP

Last Inspection: 08/21/1990 - - BY BADGE # 0763

Disposition: 09/17/1990 - I1 - COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS

Comments: NO EVIDENCE OF RUBBISH ON SIDEWALK IN FRONT OF BUILDING. NO ACCESS TO BUILDING. UB VIOLATION # 288/89 REMAINS IN EFFECT

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
09/17/1990	I1	COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS NO EVIDENCE OF RUBBISH ON SIDEWALK IN FRONT OF BUILDING. UN-	0763	08/21/1990
09/17/1990	I1	COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS NO EVIDENCE OF RUBBISH ON SIDEWALK IN FRONT OF BUILDING. NO	0763	08/21/1990
09/17/1990	I1	COMPLAINT UNSUBSTANTIATED BASED ON DEPARTMENT RECORDS NO EVIDENCE OF RUBBISH ON SIDEWALK IN FRONT OF BUILDING. NO	0763	08/21/1990

Overview for Complaint #:3002716 = RESOLVED

Complaint at: 1674 BROADWAY **BIN:** 3040473 **Borough:** BROOKLYN **ZIP:** 11207

Re: VACANT AND OPEN BUILDINGHOLD BOX

Category Code: 29 BUILDING - VACANT, OPEN AND UNGUARDED

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE

Priority: C

Received: 05/30/1989 10:28 **Block:** 1503 **Lot:** 31 **Community Board:** 316

Owner: BANGAR REALTY CORP

Last Inspection: 09/13/1989 - - BY BADGE # 1031

Disposition: 10/02/1989 - B1 - BUILDINGS VIOLATION(S) PREPARED & ATTEMPT TO SERVE WILL BE MADE

[3002716](#)

Comments: UNSAFE BUILDING VIOLATION UB 288/89 FILED

DOB Violation #: UB 288/89

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
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DOB Violations

Page: 1

Premises: 1674 BROADWAY BROOKLYN		BIN: 3040473	Block: 1503	Lot: 31
NUMBER	TYPE	FILE DATE		
V* 030778C11X2	DOB VIOLATION - CLOSED	03/07/1978		
CLOSURE DATE: 09/28/2011				
V* 030778C11X3	DOB VIOLATION - CLOSED	03/07/1978		
CLOSURE DATE: 09/28/2011				

NYC Department of Buildings
ECB Query By Location

Page: 1 of 1

Premises: 1674 BROADWAY BROOKLYN		BIN: 3040473	Block: 1503	Lot: 31	CB: 316
Dept. of Buildings Violations & Compliance			ECB Hearings		
Total Issued = 1			Open (Non-Compliance) = 0		
Completed / Defaulted = 1			Pending = 0		

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34195283N	RESOLVED - N/A - DISMISSED Severity: NON-HAZARDOUS	1674-1676 BROADWAY HL	DISMISSED	03/24/1999	B07	\$0.00
				Viol Type: CONSTRUCTION		

NYC Department of Buildings
ECB Violation Details

Premises: 1674 BROADWAY BROOKLYN		Filed At: 1674 BROADWAY , BROOKLYN , NY 11207			
BIN: 3040473	Block: 1503	Lot: 31	Community Board: 316		

ECB Violation Summary

VIOLATION RESOLVED

ECB Violation Number: 34195283N	
Severity: NON-HAZARDOUS	Certification Status: N/A - DISMISSED
	Hearing Status: DISMISSED
	Penalty Balance Due: \$0.00

Respondent Information

Name: 1674-1676 BROADWAY HL
Mailing Address: 928 BUSHWICK AVENUE , BROOKLYN , NY 11221

Violation Details

Violation Date: 03/24/1999 Violation Type: CONSTRUCTION
Served Date: 03/24/1999 Inspection Unit:

Infraction Codes	Section of Law	Standard Description
B07	27-127	FAILURE TO MAINTAIN BUILDING

Specific Violation Condition(s) and Remedy:

FAILURE TO MAINTAIN BUILDING. DEFECT IS: NO FIRE RETARDING ALL STEELBEAMS AT ROOF LEVEL ON INTERIOR OF BUILDING. REMEDY: REPAIR AND/ORREPLACE. MAKE SAFE IMMEDIATELY.

Issuing Inspector ID: DOB Violation Number: 030299C16JL02
Issued as Aggravated Level: NO

Dept. of Buildings Compliance Information

Certification Status: N/A - DISMISSED
Compliance On:

A Certificate of Correction must be submitted to the Administrative Enforcement Unit (AEU) for all violations. A violation that is not dismissed by ECB will continue to remain ACTIVE or "open" on DOB records until acceptable proof is submitted to the AEU, even if you have paid the penalty imposed by ECB.

ECB Hearing Information

Scheduled Hearing Date: 06/07/1999 Hearing Status: DISMISSED
 Hearing Time: 8:30

ECB Penalty Information

Penalty Imposed: \$0.00
 Adjustments: \$0.00
 Amount Paid: \$0.00
 Penalty Balance Due: \$0.00

ECB Violation History

Compliance Events Hearing Events

NYC Department of Buildings Job Overview

Page: 1 of 1

Premises: 1674 BROADWAY BROOKLYN BIN: [3040473](#) Block: 1503 Lot: 31

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types Show All Filings

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/18/1993	300257889	01	A1	J P/E DISAPPROVED	06/22/1993	0021101 RA	ODULAJA		NOT APPLICABLE
JOB WITHDRAWN 10222012 REHABILITATION AND CONVERSION OF AN ABAN DONED MOTI Work on Floor(s): 1ST,2ND									
05/14/1999	300854083	01	A1	Q PERMIT-PARTIAL	08/12/1999	0075316 PE	SCHNALL		NOT APPLICABLE
OCCUPY BUILDING FOR HARDWARE STORE 9UG.6 Work on Floor(s): 001									
07/08/1999	300854083	02	A1	R PERMIT-ENTIRE	08/12/1999	0075316 PE	SCHNALL		NOT APPLICABLE
ADD EQ WORK TYPE FOR FENCE Work on Floor(s): 001									

NYC Department of Buildings
Application Details

Premises: 1674 BROADWAY BROOKLYN
BIN: [3040473](#) Block: 1503 Lot: 31

Job No: 300257889
Document: 01 OF 1

Job Type: A1 - ALTERATION TYPE 1

Document Overview	Items Required	Virtual Job Folder	All Permits	Schedule A	Schedule B
Fees Paid	Forms Received		All Comments	C/O Summary	Plumbing Inspections
Crane Information	Plan Examination			C/O Preview	
After Hours Variance Permits					

This job is not subject to the Department's Development Challenge Process. For any issues, please contact the relevant borough office.

JOB WITHDRAWN ON 10/22/2012

Last Action: PLAN EXAM - DISAPPROVED 06/22/1993 (J)

Pre-Filed: 06/16/1993 Building Type: Other
Date Filed: 06/18/1993

Estimated Total Cost: \$450,000.00
Electronically Filed: No

Fee Structure: STANDARD

Review is requested under Building Code: 1968

[Job Description](#) [Comments](#)

1 Location Information (Filed At)

House No(s): 1674 Street Name: BROADWAY
Borough: Brooklyn Block: 1503 Lot: 31 BIN: [3040473](#) CB No: 316
Work on 1ST,2ND Floor(s): Apt/Condo No(s): Zip Code: 11207

2 Applicant of Record Information

Name: ADEBISI ODULAJA
Business Name: INTEGRATED DESIGN SERVICES Business Phone: 516-489-1913
Business Address: 42B JACKSON COURT HEMPSTEAD NY 11550 Business Fax:
E-Mail: Mobile Telephone:
License Number: 021101
Applicant Type: P.E. R.A. Sign Hanger Other

Directive 14 Applicant

Not Applicable

Previous Applicant of Record

Not Applicable

3 Filing Representative

None

4 Filing Status

[Click Here to View](#)

5 Job Types

- Alteration Type 1** **New Building**
- Change in Exits/Egress **Alteration Type 2** **Full Demolition**
- Change in Number of Stories **Alteration Type 3** **Subdivision: Improved**
- Change in Number of Dwelling Units **Sign** **Subdivision: Condo**
- Change in Room Count / Dwelling Units
- Change in Occupancy / Use
- Change inconsistent with current Cert. of Occup.
- Alteration Type 1, OT "No Work"** **Directive 14 acceptance requested?** Yes No

6 Work Types

- BL - Boiler FA - Fire Alarm FB - Fuel Burning FS - Fuel Storage
- FP - Fire Suppression MH - Mechanical PL - Plumbing SD - Standpipe
- SP - Sprinkler EQ - Construction Equipment CC - Curb Cut
- OT - GEN CONST

7 Plans/Construction Documents Submitted

Plans Page Count: Not Provided

8 Additional Information

- Enlargement proposed?
- No Yes Horizontal Vertical
- Total Construction Floor Area: 10,478 sq.ft.

9 Additional Considerations, Limitations or Restrictions

- Yes No
- Structural peer review required per BC §1627 **Peer Reviewer License No.(P.E.):**
- Filed to Comply with Local Law **Local Law No./Year:**
- Other, Specify:
- Restrictive Declaration / Easement
- Zoning Exhibit Record (I,II,III,etc)
- Landmark
- Filed to Address Violation(s)
- Legalization
- "Little E" Hazmat Site
- Unmapped Street **Yes No**
- Adult Establishment Included in LMCCC
- Compensated Development (Inclusionary Housing)** **Infill Zoning**
- Low Income Housing (Inclusionary Housing) **Loft Board**
- Single Room Occupancy (SRO) Multiple Dwelling **Quality Housing**
- Filing includes Lot Merger / Reapportionment (If Yes,17)
- Includes permanent removal of standpipe, sprinkler or fire suppression related systems
- Work includes partial demolition as defined in AC §28-101.5
- Structural Stability affected by proposed work
- Work includes lighting fixture and/or controls, installation or replacement. [§ECC 404 and 505]
- Site Safety Job / Project

BSA Calendar No.(s):

CPC Calendar No.(s):

10 NYCECC Compliance New York City Energy Conservation Code (Applicant Statement)

Not Provided

11 Job Description

REHABILITATION AND CONVERSION OF AN ABANDONED MOTION PICTURE THEATRE IN ODAY-CARE FACILITY TO INCLUDE CLASSROOMS KITCHENS, MEETING ROOM FOR PARENTS MECHANICAL ROOM, AUXILIARY OFFICE SPACES AND STORAGE ROOMS. ALTERATION WILL REPLACE ALL BUILDING SYSTEMS. COMPLETE GUT REHABILITATION.

Related BIS Job Numbers:

Primary application Job Number:

12 Zoning Characteristics

District(s): C1-3 - LOCAL RETAIL DISTRICT R6 - GENERAL RESIDENCE DISTRICT

Overlay(s):

Special District(s):

Map No.: 17A

Street legal width (ft.): 80

Street status: Public Private

Zoning lot includes the following tax lots: Not Provided

Proposed: Use	Zoning Area (sq.ft.)	District	FAR
Proposed Totals:		--	
Existing Total:		--	--

Proposed Lot Details: Lot Type: Corner Interior Through

Lot Coverage (%): Lot Area (sq.ft.): Lot Width (ft.):

Proposed Yard Details: No Yards Or

Front Yard (ft.): Rear Yard (ft.): Rear Yard Equivalent (ft.):

Side Yard 1 (ft.): Side Yard 2 (ft.):

Proposed Other Details: Perimeter Wall Height (ft.):

Enclosed Parking? Yes No No. of parking spaces:**13 Building Characteristics**

	2008 Code Designations?
Occupancy Classification: Existing: F-1A - ASSEMBLY (THEATERS)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed: G - EDUCATION	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Construction Classification: Existing: II-B: PROTECTED WOOD JOIST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed: II-B: PROTECTED WOOD JOIST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Multiple Dwelling Classification: Existing:

Proposed:

Building Height (ft.): Existing:

Proposed: 33

Building Stories: Existing:

Proposed: 2

Dwelling Units: Existing:

Proposed:

Building was originally erected pursuant to which Building Code: 2008 1968 Prior to 1968Building will fully comply with which Code with this Certificate of Occupancy: 2008 1968 Prior to 1968Mixed use building? Yes No**14 Fill** Not Applicable Off-Site On-Site Under 300 cubic yards**15 Construction Equipment**

<input type="checkbox"/> Chute	<input type="checkbox"/> Sidewalk Shed	Construction Material: SCAFFOLD
<input type="checkbox"/> Fence	Size: linear ft.	BSA/MEA Approval No.:
<input checked="" type="checkbox"/> Supported Scaffold	<input type="checkbox"/> Other	

16 Curb Cut Description

Not Applicable

17 Tax Lot Characteristics

Not Provided

18 Fire Protection Equipment

	Existing		Proposed		Existing		Proposed	
	Yes	No	Yes	No	Yes	No	Yes	No
Fire Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sprinkler <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire Suppression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Standpipe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

19 Open Spaces

Not Provided

20 Site Characteristics

Yes	No	Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21 Demolition Details

Not Applicable

24 Comments

Withdrawal Comments for Document 01

YOU MUST ENTER REASON FOR WITHDRAWAL

10/22/12 *** WITHDRAW ENTIRE BIS JOB ***

=====

JOB NUMBER: 300240790 TOTAL DOCUMENTS: 1 JOBTYP: ALTERATION TY

26 Owner's Information

Name: ALFONSO JONES

Relationship to Owner:

Business Name: 1674 BROADWAY HOLDING CORP.

Business Phone: 718-452-6830

Business Address: 928 BUSHWICK AVE. BKLYN, NY 11221

Business Fax:

E-Mail:

Owner Type: CORPORATION

Non Profit: Yes No

Condo / Co-Op or Corporation Second Officer

Name: ANGELA JONES

Title: SECRETARY

Business Name: 1674 BROADWAY HOLDING CORP.

Business Phone: 718-452-6830

Business Address: 928 BUSHWICK AVE. BKLYN, NY 11221

Business Fax:

E-Mail:

Metes and Bounds

Beginning at a point on the SOUTHWEST **side of** BROADWAY

Distant 59 ft. **COR of the corner formed by the intersection of** DECATUR **and** BROADWAY

Running Thence: NW 67 . 10 ft.

Thence: SW 53 ft.

Running Thence: SO 53 ft.

Thence: EA 42 . 09 ft.

Running Thence: NE 59 . 09 ft.

Thence: 0 ft.

NYC Department of Buildings
Application Details

JUMP TO:

Premises: 1674 BROADWAY BROOKLYN Job No: 300854083
 BIN: [3040473](#) Block: 1503 Lot: 31 Document: 01 OF 2
 Job Type: A1 - ALTERATION TYPE 1

Document Overview	Items Required	Virtual Job Folder	All Permits	Schedule A	Schedule B
Fees Paid	Forms Received		All Comments	C/O Summary	Plumbing Inspections
Crane Information	Plan Examination			C/O Preview	
After Hours Variance Permits					

This job is not subject to the Department's Development Challenge Process. For any issues, please contact the relevant borough office.

Last Action: PERMIT ISSUED - PARTIAL JOB 08/12/1999 (Q)

Application approved on: 08/05/1999

Pre-Filed: 04/20/1999 Building Type: Other Estimated Total Cost: \$3,000.00
 Date Filed: 05/14/1999 Electronically Filed: No
 Fee Structure: STANDARD
 Review is requested under Building Code: Prior-to-1968

[Job Description](#) [Comments](#)

1 Location Information (Filed At)

House No(s): 1674 Street Name: BROADWAY
 Borough: Brooklyn Block: 1503 Lot: 31 BIN: [3040473](#) CB No: 316
 Work on 001 Apt/Condo No(s): Zip Code: 11207
 Floor(s):

2 Applicant of Record Information

Name: SCOTT SCHNALL Business Name: SCOTT SCHNALL PE Business Phone: 718-875-2036
 Business Address: 178 ATLANTIC AVENUE BK NY 11210 Business Fax:
 E-Mail: Mobile Telephone:
 License Number: 075316

Applicant Type: P.E. R.A. Sign Hanger Other

5 Job Types

- | | |
|---|--|
| <input checked="" type="checkbox"/> Alteration Type 1 | <input type="checkbox"/> New Building |
| <input type="checkbox"/> Change in Exits/Egress | |
| <input type="checkbox"/> Change in Number of Stories | <input type="checkbox"/> Alteration Type 2 |
| <input type="checkbox"/> Change in Number of Dwelling Units | <input type="checkbox"/> Alteration Type 3 |
| <input type="checkbox"/> Change in Room Count / Dwelling Units | <input type="checkbox"/> Sign |
| <input checked="" type="checkbox"/> Change in Occupancy / Use | <input type="checkbox"/> Full Demolition |
| <input type="checkbox"/> Change inconsistent with current Cert. of Occup. | <input type="checkbox"/> Subdivision: Improved |
| <input type="checkbox"/> Alteration Type 1, OT "No Work" | <input type="checkbox"/> Subdivision: Condo |
- Directive 14 acceptance requested? Yes No

6 Work Types

- BL - Boiler FA - Fire Alarm FB - Fuel Burning FS - Fuel Storage
 FP - Fire Suppression MH - Mechanical PL - Plumbing SD - Standpipe
 SP - Sprinkler EQ - Construction Equipment CC - Curb Cut
 OT - CONSTRUCTION

7 Plans/Construction Documents Submitted

Plans Page Count: Not Provided

8 Additional Information

Enlargement proposed?

- No Yes Horizontal Vertical

Total Construction Floor Area: 5,000 sq. ft.

11 Job Description

OCCUPY BUILDING FOR HARDWARE STORE 9UG.6

Related BIS Job Numbers:

Primary application Job Number:

12 Zoning Characteristics

District(s): C1-3 - LOCAL RETAIL DISTRICT R6 - GENERAL RESIDENCE DISTRICT

Overlay(s):

Special District(s):

Map No.: 17A Street legal width (ft.): 80 Street status: Public Private

Zoning lot includes the following tax lots: Not Provided

13 Building Characteristics

		2008 Code Designations?
Occupancy Classification: Existing:	COM - COMMERCIAL BUILDINGS - OLD CODE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed:	COM - COMMERCIAL BUILDINGS - OLD CODE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Construction Classification: Existing:	3: NON-FIREPROOF STRUCTURES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed:	3: NON-FIREPROOF STRUCTURES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

26 Owner's Information

Name: JULIE HENRY

Relationship to Owner:

Business Name: AVERY ENTERPRISES

Business Phone: 718-452-0008

Business Address: 1674 BROADWAY BKLYN NY 11207

Business Fax:

E-Mail:

Owner Type: CORPORATION

Non Profit: Yes No

Yes No

- Owner's Certification Regarding Occupied Housing (Remain Occupied)
 Owner's Certification Regarding Occupied Housing (Rent Control / Stabilization)
 Owner DHCR Notification
 Owner's Certification for Adult Establishment
 Owner's Certification for Directive 14 (if applicable)

Condo / Co-Op or Corporation Second Officer

Name: JULIE HENRY

Title: VP

Business Name: AVERY ENTERPRISES

Business Phone: 718-452-0008

Business Address: 1674 BROADWAY BKLYN NY 11207

Business Fax:

E-Mail:

Metes and Bounds

Beginning at a point on the SOUTH side of BROADWAY

Distant 59.04 ft. WEST of the corner formed by the intersection of BROADWAY and DECATUR ST.

Running Thence: W 67 . 06 ft.

Thence: S 53 ft.

Running Thence: E 53 ft.

Thence: E 41 . 01 ft.

Running Thence: N 60 ft.

Thence: E 41 . 01 ft.

NYC Department of Buildings
Application Details

JUMP TO:

Premises: 1674 BROADWAY BROOKLYN Job No: 300854083
BIN: [3040473](#) Block: 1503 Lot: 31 Document: 02 OF 2
Job Type: A1 - ALTERATION TYPE 1

Document Overview	Items Required	Virtual Job Folder	All Permits	Schedule A	Schedule B
Fees Paid	Forms Received		All Comments	C/O Summary	Plumbing Inspections
Crane Information	Plan Examination			C/O Preview	
After Hours Variance Permits					

This job is not subject to the Department's Development Challenge Process. For any issues, please contact the relevant borough office.

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 08/12/1999 (R)
Application approved on: 08/05/1999

Pre-Filed: 04/27/1999 Building Type: Other Estimated Total Cost: \$0.00
Date Filed: 07/08/1999 Electronically Filed: No
Fee Structure: STANDARD

[Job Description](#) [Comments](#)

1 Location Information (Filed At)

House No(s): 1674 Street Name: BROADWAY
Borough: Brooklyn Block: 1503 Lot: 31 BIN: [3040473](#) CB No: 316
Work on 001 Apt/Condo No(s): Zip Code: 11207
Floor(s):

2 Applicant of Record Information

Name: SCOTT SCHNALL
Business Name: SCOTT SCHNALL PE Business Phone: 718-875-2036
Business Address: 178 ATLANTIC AVENUE BK NY 11210 Business Fax:
E-Mail: Mobile Telephone:
License Number: 075316
Applicant Type: P.E. R.A. Sign Hanger Other

11 Job Description

ADD EQ WORK TYPE FOR FENCE
Related BIS Job Numbers:
Primary application Job Number:

15 Construction Equipment

Chute Sidewalk Shed Construction Material: WOOD
 Fence Size: linear ft. BSA/MEA Approval No.:
 Supported Scaffold Other

NYC Department of Buildings
DOB Violations

Page: 1

Premises: 1674 BROADWAY BROOKLYN		BIN: 3040473	Block: 1503	Lot: 31
NUMBER	TYPE	FILE DATE		
A 1401-14	ALTERATION	03/17/1914		
A 1917-25	ALTERATION	02/13/1925		
ALT 5788-10	ALTERATION	08/29/1910		
ALT 1226-11	ALTERATION	03/11/1911		
ALT 10752-24	ALTERATION	05/15/1924		
ALT 10944-24	ALTERATION	07/18/1924		
ALT 16991-24	ALTERATION	08/18/1924		
ALT 12517-24	ALTERATION	08/23/1924		
ALT 7070-32(COLSBOOTH)	ALTERATION	07/05/1932		
ALT 5389-32CBL9/21/33	ALTERATION	07/18/1932		
ALT 12771-37(INT&PL)	ALTERATION	07/27/1937		
ALT 8809-37	ALTERATION	08/05/1937		
ALT 3489-54(1674-8)	ALTERATION	09/07/1954		
ALT 3716-55	ALTERATION	10/11/1955		
ALT 2106-69CBL73	ALTERATION	11/25/1969		
ALT 902-70(1674)	ALTERATION	06/03/1970		
ALT 114-74CBL	ALTERATION	01/29/1974		
BDSA 7/10/56BUL28VOL41-56		07/26/1956		
BDSA 1/30/62BUL6VOL47-62		02/16/1962		
BDSA 3/6/62BUL11VOL47-62		03/22/1962		
CAL 911-55	BOARD OF STANDARDS & APPEALS	00/00/0000		
CERT 1664-27(EXBLDGREPT5851/2)	(PDF) CERTIFICATE OF OCCUPANCY	08/05/1927		
CERT 145532-55	(PDF) CERTIFICATE OF OCCUPANCY	10/05/1955		
CERT 153807-56	(PDF) CERTIFICATE OF OCCUPANCY	12/14/1956		
CERT 182681-63	(PDF) CERTIFICATE OF OCCUPANCY	01/25/1963		
NUMBER	TYPE	FILE DATE		
ES 6464-14WITHDRWN	ELECTRIC SIGN	09/17/1914		
ES 6842-14	ELECTRIC SIGN	10/05/1914		
ES 5148-14CBL1/3/16	ELECTRIC SIGN	10/23/1914		
ES 736-16	ELECTRIC SIGN	02/01/1916		
ES 782-16	ELECTRIC SIGN	02/23/1916		
ES 17397-24	ELECTRIC SIGN	08/26/1924		
ES 13478-24	ELECTRIC SIGN	09/15/1924		
ES 10327-29	ELECTRIC SIGN	07/02/1929		
ES 7852-29	ELECTRIC SIGN	08/17/1929		
NB 975-14	NEW BUILDING	03/11/1914		
PRS 2615-50(1674)	PLUMBING REPAIR SLIP	10/03/1950		
UB 288-89	UNSAFE BUILDING	09/29/1989		
V* 030778C11X2	DOB VIOLATION - CLOSED	03/07/1978		
CLOSURE DATE: 09/28/2011				
V* 030778C11X3	DOB VIOLATION - CLOSED	03/07/1978		
CLOSURE DATE: 09/28/2011				
WRKC 19504-37		12/29/1937		
VEC* 030299C16JL02	ECB VIOLATION DISMISSED	03/24/1999		

NYC Department of Buildings
Permits In-Process / Issued by Premises

Page: 1 of 1

Premises: 1674 BROADWAY BROOKLYN					BIN: 3040473	Block: 1503	Lot: 31
NUMBER	JOB TYPE	SEQ NO	ISSUED DATE	EXPIRATION DATE	STATUS	APPLICANT NAME	
300854083-02-EQ-FN	A1 - ALT1	01	08/12/1999	12/31/1999	ISSUED	HENRY STAN	
300854083-01-AL	A1 - ALT1	01	08/12/1999	01/21/2000	ISSUED	HENRY STAN	

NYC Department of Buildings
Work Permit Data

Premises: 1674 BROADWAY BROOKLYN Filed At: 1674 BROADWAY BROOKLYN
BIN: [3040473](#) Block: 1503 Lot: 31 Job Type: A1 - ALTERATION TYPE 1

Job No: [300854083](#) Fee: STANDARD
Permit No: 300854083-02-EQ-FN Issued: 08/12/1999 Expires: 12/31/1999
Seq. No.: 01 Filing Date: 08/12/1999 INITIAL Status: ISSUED
Work: Proposed Job Start: 08/12/1999 Work Approved: 08/05/1999
ALTERATION TYPE 1 - CONSTRUCTION EQUIPMENT - FENCE
ADD EQ WORK TYPE FOR FENCE
Use: COM - COMMERCIAL BUILDINGS - OLD CODE Landmark: NO Stories: 0
Review is requested under Building Code: Prior-to-1968

Issued to: STAN HENRY

GENERAL
CONTRACTOR: [0009927-GC](#)

Business: HENRY BLRD. GEN CONT.
960 HALSEY ST BKLYN NY 11233

Phone: 718-452-0008

NYC Department of Buildings
Work Permit Data

Premises: 1674 BROADWAY BROOKLYN Filed At: 1674 BROADWAY BROOKLYN
BIN: [3040473](#) Block: 1503 Lot: 31 Job Type: A1 - ALTERATION TYPE 1

Job No: [300854083](#) Fee: STANDARD
Permit No: 300854083-01-AL Issued: 08/12/1999 Expires: 01/21/2000
Seq. No.: 01 Filing Date: 08/12/1999 INITIAL Status: ISSUED
Work: Proposed Job Start: 08/12/1999 Work Approved: 08/05/1999
ALTERATION TYPE 1 -
OCCUPY BUILDING FOR HARDWARE STORE 9UG.6
Use: COM - COMMERCIAL BUILDINGS - OLD CODE Landmark: NO Stories: 0
Review is requested under Building Code: Prior-to-1968

Issued to: STAN HENRY

GENERAL
CONTRACTOR: [0009927-GC](#)

Business: HENRY STAN BLDR AND GEN CONT
960 HALSEY ST BKLYN NY 11233

Phone: 718-452-0008

NYC Department of Buildings
Property Profile Overview
NO BOILER RECORDS FOUND FOR THIS PROPERTY

NYC Department of Buildings

Job Overview

Page: 1 of 1

Premises: 747 DECATUR STREET BROOKLYN

BIN: [3836299](#) Block: 1503 Lot: 38

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types

Show All Filings

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
03/26/2007	302314939	01	A1	P APPROVED	05/24/2007	0067964 PE	Noorata		NOT APPLICABLE

NEW PARKING LOT IN CONJUCTION WITH JOB #S 302159330 AND 302160587

Work on Floor(s): OSP

NYC Department of Buildings

Application Details

Premises: 747 DECATUR STREET BROOKLYN

Job No: 302314939

BIN: [3836299](#) Block: 1503 Lot: 38

Document: 01 OF 1

Job Type: A1 - ALTERATION TYPE 1

Document Overview	Items Required	Virtual Job Folder	All Permits	Schedule A	Schedule B
Fees Paid	Forms Received		All Comments	C/O Summary	Plumbing Inspections
Crane Information	Plan Examination			C/O Preview	
After Hours Variance Permits					

This job is not subject to the Department's Development Challenge Process. For any issues, please contact the relevant borough office.

----- * PROFESSIONALLY CERTIFIED * -----

Last Action: PLAN EXAM - APPROVED 05/24/2007 (P)

Application approved on: 05/24/2007

Pre-Filed: 03/21/2007 Building Type: Other

Estimated Total Cost: \$125,000.00

Date Filed: 03/26/2007

Electronically Filed: Yes PC-FILED

Fee Structure: STANDARD

Review is requested under Building Code: 1968

[Job Description](#) [Comments](#)

1 Location Information (Filed At)

House No(s): 747	Street Name: DECATUR STREET				
Borough: Brooklyn	Block: 1503	Lot: 38	BIN: 3836299	CB No: 316	
Work on OSP		Apt/Condo		Zip Code: 11233	
Floor(s):		No(s):			

2 Applicant of Record Information

Name: Habibullah Noorata

Business Name: C-P Design Group Inc.

Business Phone: 917-731-8346

Business Address: 366 Stuyvesant Avenue Brooklyn NY 11233

Business Fax:

E-Mail:

MOBILE telephone:

License Number: 067964

Applicant Type: P.E. R.A. Sign Hanger Other

3 Filing Representative

Name: JEFFREY CHARLES-PIERRE

Business Name: C-P DESIGN GROUP INC.

Business Phone: 718-221-0417

Business Address: 366 STUYVESANT AVENUE BROOKLYN NY 11233

Business Fax:

E-Mail:

Mobile Telephone:

Registration Number:

5 Job Types

- Alteration Type 1 New Building
- Change in Exits/Egress
- Change in Number of Stories Alteration Type 2 Full Demolition
- Change in Number of Dwelling Units Alteration Type 3 Subdivision: Improved
- Change in Room Count / Dwelling Units Sign Subdivision: Condo
- Change in Occupancy / Use
- Change inconsistent with current Cert. of Occup.
- Alteration Type 1, OT "No Work" Directive 14 acceptance requested? Yes No

6 Work Types

- BL - Boiler FA - Fire Alarm FB - Fuel Burning FS - Fuel Storage
- FP - Fire Suppression MH - Mechanical PL - Plumbing SD - Standpipe
- SP - Sprinkler EQ - Construction Equipment CC - Curb Cut
- OT - GC

8 Additional Information

Enlargement proposed?

- No Yes Horizontal Vertical

Total Construction Floor Area: 1 sq.ft.

11 Job Description

NEW PARKING LOT IN CONJUNCTION WITH JOB #S 302159330 AND 302160587

Related BIS Job Numbers:

Primary application Job Number:

12 Zoning Characteristics

District(s): C1-3 - LOCAL RETAIL DISTRICT R6 - GENERAL RESIDENCE DISTRICT

Overlay(s):

Special District(s):

Map No.: 17A Street legal width (ft.): Street status: Public Private

Zoning lot includes the following tax lots: Not Provided

13 Building Characteristics

		2008 Code Designations?
Occupancy Classification: Existing:	COM - COMMERCIAL BUILDINGS - OLD CODE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed:	COM - COMMERCIAL BUILDINGS - OLD CODE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Construction Classification: Existing:	3: NON-FIREPROOF STRUCTURES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed:	3: NON-FIREPROOF STRUCTURES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Multiple Dwelling Classification: Existing:		
Proposed:		
Building Height (ft.): Existing:		
Proposed:	1	
Building Stories: Existing:		
Proposed:	1	
Dwelling Units: Existing:		
Proposed:	1	

16 Curb Cut Description

Size of cut (with splays): 36 ft. Distant from nearest corner: ft. on street:

2 NEW CURB CUTS @ 15 FEET IN LENGTH 1 + (2) 1'-6" SPLAYS EACH = 36 FEET TOTAL

19 Open Spaces

	Existing	Proposed	Existing	Proposed
Plaza Area (sq.ft.):			Arcade Area (sq.ft.):	
Parking Area (sq.ft.):		7,392	Parking Spaces (no.):	30
Loading Berths (sq.ft.):			Loading Berths (no.):	

26 Owner's Information

Name: STANLEY HENRY
Relationship to Owner:
Business Name: HENRY BUILDERS INC. **Business Phone:** 917-416-5552
Business Address: 1672 BROADWAY BROOKLYN NY 11207 **Business Fax:**
E-Mail: **Owner Type:** CORPORATION
Non Profit: Yes No

Condo / Co-Op or Corporation Second Officer

Name: STAN HENRY **Title:** PRESIDENT
Business Name: HENRY BUILDERS INC. **Business Phone:** 917-416-5552
Business Address: 1672 BROADWAY BROOKLYN NY 11207 **Business Fax:**
E-Mail:

Metes and Bounds

Beginning at a point on the NORTH **side of** DECATUR STREET
Distant 129.75 **ft. WEST** **of the corner formed by the intersection of** DECATUR STREET **and** BROADWAY
Running Thence: N 53 ft. **Thence:** NW 108 . 33 ft.
Running Thence: S 94 . 83 ft. **Thence:** E 100 ft.
Running Thence: 0 ft. **Thence:** 0 ft.
Running Thence: 0 ft. **Thence:** 0 ft.

NYC Department of Buildings
DOB Violations

Page: 1

Premises: 747 DECATUR STREET BROOKLYN		BIN: 3836299	Block: 1503	Lot: 38
NUMBER	TYPE	FILE DATE		
ALT 2554-14	ALTERATION	04/27/1914		
ALT 2160-14	ALTERATION	05/13/1914		
ALT 4421-15	ALTERATION	06/18/1915		
ALT 3053-15	ALTERATION	06/23/1915		
ALT 3489-54	ALTERATION	09/07/1954		
CERT 1663-27EXBLDGBREF5850PSHW	(PDF) CERTIFICATE OF OCCUPANCY	08/05/1927		
ES 2931-15	ELECTRIC SIGN	04/26/1915		
ES 2075-15	ELECTRIC SIGN	05/03/1915		
MP 15777-17BOOCH		03/05/1917		
SR 3188-14LITTLEWOOD	SPECIAL REPORT	06/27/1914		
SR 3109-17LITTLEWOOD	SPECIAL REPORT	06/19/1914		
SR 4486-15	SPECIAL REPORT	06/04/1915		
SR 5386-16LITTLEWOOD	SPECIAL REPORT	06/13/1916		
SR 4380-18LITTLEWOOD	SPECIAL REPORT	06/20/1918		
SR 2105-19LITTLEWOOD	SPECIAL REPORT	06/13/1919		
SR 626-20JBYRNE	SPECIAL REPORT	03/08/1920		
SR 2759-20CASHMAN	SPECIAL REPORT	06/28/1920		
SR 3815-21CASHMAN	SPECIAL REPORT	06/13/1921		
SR 5745-22CASHMAN	SPECIAL REPORT	07/26/1922		
SR 4021-23CASHMAN	SPECIAL REPORT	07/16/1923		
SR 3989-24LITTLEWOOD	SPECIAL REPORT	06/03/1924		
SR 4798-25CASHMAN	SPECIAL REPORT	06/08/1925		
SR 4882-26CASHMAN	SPECIAL REPORT	06/08/1925		
SR 5850-27CASHMAN FILE	SPECIAL REPORT	08/05/1927		
SR 5915-27..CASHMAN	SPECIAL REPORT	08/06/1927		
Premises: 747 DECATUR STREET BROOKLYN		BIN: 3836299	Block: 1503	Lot: 38
NUMBER	TYPE	FILE DATE		
SR 5171-28CASHMAN	SPECIAL REPORT	07/05/1928		
SR 3910-29CASHMAN	SPECIAL REPORT	07/06/1929		
SR 4636-30JKELLY	SPECIAL REPORT	08/09/1930		
SR 4603-31CASHMAN	SPECIAL REPORT	07/01/1931		

NYC Department of Buildings
Property Profile Overview

NO BOILER RECORDS FOUND FOR THIS PROPERTY

NYC Department of Buildings

Property Profile Overview

1680 BROADWAY		BROOKLYN 11207	BIN# 3807469
BROADWAY	1680 - 1680	Health Area : 3100	Tax Block : 1503
		Census Tract : 373	Tax Lot : 34
		Community Board : 316	

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s):	SCHAEFER STREET, DECATUR STREET		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		Special Status:	N/A
Local Law:	NO	Loft Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO		
Little 'E' Restricted:	N/A	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Additional BINs for Building:	NONE		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: Z9-MISCELLANEOUS

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	0	0	Electrical Applications
Violations-ECB (DOB)	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
ARA / LAA Jobs	0		Plumbing Inspections
Total Jobs	0		Open Plumbing Jobs / Work Types
Actions	2		Facades
			Marquee Annual Permits
OR Enter Action Type: <input type="text"/>			Boiler Records
OR Select from List: <input type="text" value="Select.."/>			DEP Boiler Information
AND <input type="button" value="Show Actions"/>			Crane Information
			After Hours Variance Permits

NYC Department of Buildings

C of O PDF Listing for Property

Premises: 1680 BROADWAY BROOKLYN BIN: [3807469](#) Block: 1503 Lot: 34

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

To report a problem with any of these images, please use the [CO Image Problem Form](#)

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

NYC Department of Buildings

DOB Violations

Page: 1

NUMBER	TYPE	FILE DATE
DP 227-88	DEMOLITION PERMIT	07/29/1988
UB 267-87 DISM.05/23/89	UNSAFE BUILDING	09/28/1987

NYC Department of Buildings
Property Profile Overview
NO BOILER RECORDS FOUND FOR THIS PROPERTY

NYC Department of Buildings
Property Profile Overview

1682 BROADWAY		BROOKLYN 11207	BIN# 3807470
BROADWAY	1682 - 1682	Health Area : 3100	Tax Block : 1503
		Census Tract : 373	Tax Lot : 34
		Community Board : 316	

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s): SCHAEFER STREET, DECATUR STREET
 DOB Special Place Name:
 DOB Building Remarks:
 Landmark Status: Special Status: N/A
 Local Law: NO Loft Law: NO
 SRO Restricted: NO TA Restricted: NO
 UB Restricted: NO
 Little 'E' Restricted: N/A Grandfathered Sign: NO
 Legal Adult Use: NO City Owned: NO
 Additional BINs for Building: NONE

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: Z9-MISCELLANEOUS

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	Elevator Records
Complaints	0	0	Electrical Applications
Violations-DOB	2	0	Permits In-Process / Issued
Violations-ECB (DOB)	0	0	Illuminated Signs Annual Permits
Jobs/Filings	0		Plumbing Inspections
ARA / LAA Jobs	0		Open Plumbing Jobs / Work Types
Total Jobs	0		Facades
Actions	14		Marquee Annual Permits
OR Enter Action Type: <input type="text"/>			Boiler Records
OR Select from List: <input type="text"/>			DEP Boiler Information
AND <input type="button" value="Show Actions"/>			Crane Information
			After Hours Variance Permits

NYC Department of Buildings
C of O PDF Listing for Property

Premises: 1682 BROADWAY BROOKLYN BIN: 3807470 Block: 1503 Lot: 34

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

To report a problem with any of these images, please use the [CO Image Problem Form](#)

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

NYC Department of Buildings

DOB Violations

Page: 1

Premises: 1682 BROADWAY BROOKLYN			BIN: 3807470	Block: 1503	Lot: 34
NUMBER	TYPE	FILE DATE			
V* 1319(1684)KRAMER5-032663	DOB VIOLATION - DISMISSED	00/00/0000			
DISMISSAL DATE: 05/18/1964			BADGE NO.: 0000		
V* 5499THORNTON9-16--071767	DOB VIOLATION - DISMISSED	00/00/0000			
DISMISSAL DATE: 09/16/1971			BADGE NO.: 0000		

NYC Department of Buildings

DOB Violations

Page: 1

Premises: 1682 BROADWAY BROOKLYN			BIN: 3807470	Block: 1503	Lot: 34
NUMBER	TYPE	FILE DATE			
A 13747-102831	ALTERATION	00/00/1910			
ALT 12475(1680-2)-060724	ALTERATION	00/00/0000			
ALT 12002STFRS-091831	ALTERATION	00/00/1909			
ALT 8649-092431	ALTERATION	00/00/1909			
ALT 11852-080824	ALTERATION	00/00/1924			
ALT 1854-26	ALTERATION	00/00/1926			
BN 498(1682)-051963	BUILDING NOTICE	00/00/1905			
C -A9126-060964	CONSTRUCTION	00/00/0000			
ES 13700-102631	ELECTRIC SIGN	00/00/1910			
ES 9780-102731	ELECTRIC SIGN	00/00/1910			
FO 1913(1682)-111863	OIL BURNER APPLICATION	00/00/1911			
NB 226-1894	NEW BUILDING	00/00/1894			
PD 751-052923		00/00/1923			
UNK 12-1447REPAIRSTORESILL	UNKNOWN	00/00/1914			
V* 1319(1684)KRAMER5-032663	DOB VIOLATION - DISMISSED	00/00/0000			
DISMISSAL DATE: 05/18/1964			BADGE NO.: 0000		
V* 5499THORNTON9-16--071767	DOB VIOLATION - DISMISSED	00/00/0000			
DISMISSAL DATE: 09/16/1971			BADGE NO.: 0000		

NYC Department of Buildings

Property Profile Overview

NO BOILER RECORDS FOUND FOR THIS PROPERTY

NYC Department of Buildings

Property Profile Overview

THIS ADDRESS IS NOT IN PROPERTY FILE--CHECK ITS OTHER ADDRESS IF ANY

1684 BROADWAY	BROOKLYN 11207	BIN# 3000000
Health Area	: 3100	Tax Block : 1503
Census Tract	: 373	Tax Lot : 34
Community Board	: 316	Condo : NO
		Vacant : YES

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s): SCHAEFER STREET, DECATUR STREET
 DOB Special Place Name:
 DOB Building Remarks:
 Landmark Status: Special Status: N/A
 Local Law: NO Loft Law: NO
 SRO Restricted: NO TA Restricted: NO
 UB Restricted: NO
 Little 'E' Restricted: N/A Grandfathered Sign: NO
 Legal Adult Use: NO City Owned: NO
 Additional BINs for Building: NONE

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification:

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Total Actions	0	

DUPLICATE

No. 1663

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN
BUREAU OF BUILDINGS
CERTIFICATE OF OCCUPANCY
 (ISSUED PURSUANT TO ARTICLE 1, SECTION 5, BUILDING CODE)

BROOKLYN, N. Y. Aug 5 1927

OWNER Miller Bros

This is to certify that the EXISTING BUILDING

Located at 247-755 DeCATUR St N 8 1/4' 6" W of Broadway
 Upon inspection has been found in good and safe condition; that there are no notices of violation or other notices or orders pending against said building in the BUREAU OF BUILDINGS, and PERMISSION is hereby granted for its OCCUPANCY for the following purposes:

This certificate supersedes all previously issued certificates.

STORY	LIVE LOADS LBS. PER SQ. FT.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Ceiling					
Basement					
First Story					<u>Open Air M.P. Theatre</u> <u>894 seats</u>
Second					
Third					
Fourth					
Fifth					
Sixth					
Seventh					
Eighth					
Ninth					
Tenth to					
.....th					

Report No. 5850-21

Number of Buildings 1

[Signature]
 Superintendent of Buildings
 Per [Signature]

[The page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document. The text is too light to be transcribed accurately.]

DUPLICATE

No. 1664

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN
BUREAU OF BUILDINGS
CERTIFICATE OF OCCUPANCY
(ISSUED PURSUANT TO ARTICLE 1, SECTION 5, BUILDING CODE)

BROOKLYN, N. Y. Aug 5 1927

OWNER Miller Bros

This is to certify that the EXISTING BUILDING

Located at 167 1/2 Broadway N.Y. 59' 11" N. of Leavitt St

Upon inspection has been found in good and safe condition; that there are no notices of violation or other notices or orders pending against said building in the BUREAU OF BUILDINGS, and PERMISSION is hereby granted for its OCCUPANCY for the following purposes:

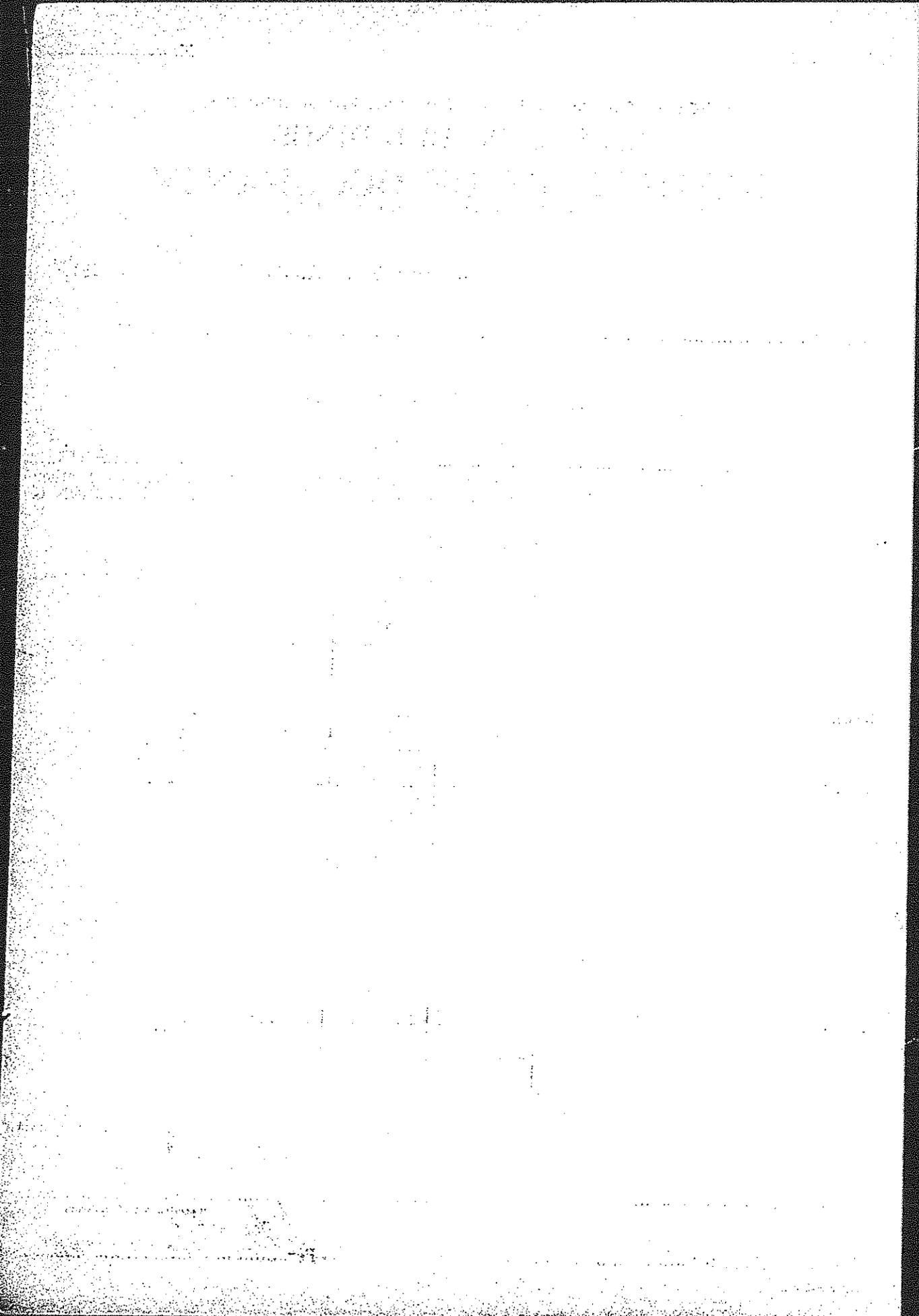
This certificate supersedes all previously issued certificates.

STORY	LIVE LOADS LBS. PER SQ. FT.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar.....					<u>Boiler Room</u>
Basement					
First Story..					<u>N. P. Healey + Store</u>
Second "					
Third "					<u>562 Seats</u>
Fourth "					
Fifth "					
Sixth "					
Seventh "					
Eighth "					
Ninth "					
Tenth to.....					
.....th..					

Report No. 5851-27

Number of Buildings One

Superintendent of Buildings
A. B. McKeown



DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BROOKLYN, CITY OF NEW YORK

No.

Date

CERTIFICATE OF OCCUPANCY

1955

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C-26-181.0 to C-26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supercedes C. O. No. **Ex. Reg. #1669, Ex. Reg. #1664**

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at
**1674-1678 Broadway, South Side, 59'4" West of Deane Street,
 747-755 Deane Street**

Block **1503** Lot **91 & 92**

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued, and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~Permit~~ Alt. No. **307/155**

Construction classification ~~Non-Fireproof~~

Occupancy classification **see below**

Height **1** stories, **12 and 21** feet

Date of completion **7/1/55**

Block 1503

Located in **Business and Professional Use District**

C

Area

Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
1674-1678 Broadway - Lot 91					
Cellar	Ground	-	-	-	boiler room
First	150 & ground	6	3	9	storage and shipping of ladies' wearing apparel and two (2) stores
747-755 Deane Street - Lot 92					
On ground		-	-	-	subdiv. right portion of plot to furnish vacant and unoccupied
Total - As stated above					
Fire Department approval dated 8/21/55 (2nd ed.)					

Borough Superintendent

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.

(Page 1)

Cheris

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL
BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement of the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

DEPARTMENT OF BUILDINGS

BOROUGH OF BROOKLYN, CITY OF NEW YORK

No. 153807

Date

DEC 14 1956

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C-26-181.0 to C-26-187.9 inclusive Administrative Code 2.13.1. to 2.13.7. Building Code.)

This certificate supersedes C. O. No. 147532

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building-premises located at 1674-1678 Broadway, South Side, 57th East of Deane Street (147-55)

Block 1583 Lot 31

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.Y. Acc. No. 3326/1955

Construction classification Non-Fireproof

Occupancy classification two (2) stories, storage Height 1 stories, 27 feet

Date of completion approval and parking lot Located in Business and Residence Use District.

Area Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals (Calendar numbers to be inserted here):

Resolution 911-55-33 adopted July 18, 1956 Article 23 Section 41 PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
cellar	ground	-	-	-	buffer room
first	100	6	3	9	storage and shipping ladies' apparel and two (2) stories
on ground		-	-	-	parking and storage of cars for patrons and employees and other public cars on vacant portion of lot
TOTAL - as stated above					
Fire Department approval dated November 26, 1956 (first call)					
TEMPORARY - five (5) years - expires July 10, 1961					

Richard J. ...

Borough Superintendent

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.

J. J. ...

**NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL
BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT**

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing its height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioners; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

DEPARTMENT OF BUILDINGS

of **BOROUGH OF BROOKLYN**, THE CITY OF NEW YORK

Date **JAN 23 1963**

182651

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No.

THIS CERTIFIES that the ~~new~~ altered ~~premises~~ premises located at **Block 1503 Lot 31**
1674 Broadway (747-55 Decatur Street)

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the **South** side of **Broadway**
 distant **59' 4"** feet from the corner formed by the intersection of
 and **Decatur Street**
 running thence **South 60'** feet; thence **West 31' 10"** feet;
 thence **North 94' 10"** feet; thence **East 151' 4"** feet;
 running thence **North 53'** feet; thence **Southeast 67' 4"** feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 640F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Alter. Alt. No. **3716/1955** Construction classification **Non-Fireproof**
 Occupancy classification **SEE OCCUPANCY BELOW** Height **1** stories, **27'** feet
 Date of completion **Cont. 12-3-62** Located in **Business and** Zoning District
 at time of issuance of permit **Fl 11-30-62** **Residence - C**

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: **RESOLUTION 911-55 BE ADOPTED** (Calendar numbers to be inserted here)
 and The City Planning Commission: **PLX 10, 1956 BULLETIN 29 VOLUME 41**
RESOLUTION 911-55 BE ADOPTED MARCH 6, 1962 BULLETIN 11 VOLUME 47
PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces _____

Off-Street Loading Berths _____

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Cellar	Ground	-	Boiler Room
First	100	9	Storage and Shipping Ladies Apparel and Two (2) Stores
On Ground		-	*** Parking and Storage of Cars For Patrons and Employees and Other Public Cars on Vacant Portion of Lot.
TOTAL - AS STATED ABOVE.			

Fire Department Approval Dated January 21, 1963 (Fuel Oil)

*** TEMPORARY - TEN (10) YEARS - EXPIRES MARCH 6, 1972.

William J. ...
 Borough Superintendent

Appendix 2

Limited Phase II ESA Report

Limited Phase II
Environmental Site Assessment

The Henry Apartments

**Broadway & Decatur Street,
Brooklyn, New York**

NP&V Job# 13110

March 18, 2014
Revised September 8th, 2014

**Limited Phase II
Environmental Site Assessment**

The Henry Apartments

**Broadway & Decatur Street,
Brooklyn, New York**

**THIS DOCUMENT CONTAINS 27 PAGES OF TEXT
COPIES AND CIRCULATION OF THIS REPORT ARE AS FOLLOWS:**

Two (2) copies to client

One (1) copy retained in NP&V files

Prepared For:

Alembic Development Company, LLC
11 Hanover Square, Suite 701
New York, NY 10005
Attention: Nathan Stern
(212) 566-8805

Housing Development Fund Corporation
505 8th Avenue, 5th Floor
New York, New York 10018
Attention: Luis Alvarez
(212) 389-9327

Prepared By:

Mr. Charles J. Voorhis, CEP, AICP
Nelson, Pope & Voorhis, LLC
572 Walt Whitman Road
Melville, New York 11747

Long Island Analytical Laboratories, Inc.
110 Colin Avenue
Holbrook, New York 11741

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**Limited Phase II
Environmental Site Assessment**

**The Henry Apartments
Broadway & Decatur Street,
Brooklyn, New York**

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Limited Phase II

Environmental Site Assessment

The Henry Apartments

Broadway & Decatur Street,
Brooklyn, New York

1.0 INTRODUCTION AND PURPOSE

Nelson, Pope & Voorhis, LLC (NP&V) has been contracted to prepare a Limited Phase II Environmental Site Assessment for the subject properties. This report is intended to address recognized environmental conditions that were identified in Phase I Environmental Site Assessments prepared by NP&V completed in May 2013 and (summarized below). This Limited Phase II ESA was designed to determine what, if any, impact prior on-site activities have had upon the environmental quality of the subject properties.

The subject properties consist of two (2) sites located across Decatur Street from each other, on the west side of Broadway in Brooklyn, New York. The following summarizes the locations, existing conditions, environmental concerns, and Phase II activities completed on each of the sites:

1674-1684 Broadway

This property is identified on the New York City Tax Map as: Block 1503, Lots 29, 31, 34, and 38, and occupies approximately 15,546 square feet of land. The subject property is located on the northwest corner of Broadway and Decatur Street and is currently developed with two (2) commercial buildings and two (2) paved parking/storage areas. The property was purchased with private equity in 2012 and is currently owned by Broadway Decatur Owners LLC (Alembic Community Development and Avery Enterprises Inc.).

Based on a Phase I ESA completed by NP&V in May 2013, two (2) recognized environmental conditions were identified in connection with the subject property due to the presence of above ground storage tanks and an inactive fuel oil-fired boiler in the basement beneath the hardware store building, and a gooseneck pipe evidencing a possible former sanitary system for the previous concession stand in the southwestern paved storage area of the property. The Department of Housing, Planning & Development (HPD) expressed concerns regarding the environmental quality of the property due to existing site conditions and historical use of adjacent properties as dry cleaning and manufacturing facilities.

As a result, it was determined in the approved October 2013 Work Plan that three (3) soil probes should be installed on the property in order to collect soil samples as follows: from 0'-2' below ground surface (bgs), from the maximum excavation depth of the proposed building (15'-17' bgs); groundwater samples should be collected from two (2) locations if groundwater is encountered within 30' bgs, and soil vapor samples should be collected from two (2) probes

within the proposed building footprint. In addition, it was requested that a Ground Penetrating Radar (GPR) survey be performed in the paved parking areas in order to ensure that there are no storage tanks or sanitary structures remaining from past use of the property.

760-770 Decatur Street/1696-1712 Broadway

This property is identified on the New York City Tax Map as: Block 1507, Lots 32, 33, 35, 36, 37, 39 and 41, and occupies approximately 20,368 SF of land. The subject property is located on the southwest corner of Broadway and Decatur Street. Currently, the subject property is vacant, City-owned land.

Based on a Phase I ESA completed by NP&V in May 2013, two (2) recognized environmental conditions were identified in connection with the subject property due to the presence of soil piles along the western edge of the property and the historical occupancy of the property by several four-story buildings including two (2) dry cleaning facilities. HPD expressed concerns regarding the environmental quality of the property due to existing site conditions and historical use of the subject property as a dry cleaning facility.

As a result, it was determined in the approved October 2013 Work Plan that five (5) soil probes should be installed on the property in order to collect soil samples as follows: from 0'-2' below ground surface (bgs), from the maximum excavation depth of the proposed building (15' bgs); groundwater samples should be collected from two (2) locations if groundwater is encountered within 30' bgs, and soil vapor samples should be collected from four (4) representative probes. In addition, it was requested that a composite soil sample be collected from the soil piles along the western property edge, and that Ground Penetrating Radar (GPR) survey be performed on the site in order to ensure that there are no storage tanks or sanitary structures remaining from past occupancy of the property.

This assessment has been designed and performed by NP&V to address these issues identified by the HPD as specified above. The laboratory analysis was provided by Long Island Analytical Laboratories, Inc.

The protocol used to direct this investigation is based upon the following documents: 1) the New York State Department of Environmental Conservation (NYSDEC), Environmental Remediation Program Part 375 and 2) NYS Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The following sections detail the subject property and surrounding area characteristics, sampling program, quality assurance protocol, laboratory analysis methodology and laboratory results.

2.0 SAMPLING AND ANALYSIS PROGRAM (SAP)

2.1 GROUND PENETRATING RADAR SURVEY

A remote sensing ground penetrating radar field survey was performed over portions of the planimetric surfaces of each of the subject properties. Specifically, in each of the paved areas of the 1674-1684 Broadway property, in order to identify any anomalies that may correspond to existing sanitary systems in the vicinity of the gooseneck pipe identified, and in the vicinity of the identified historical structures on the 768-770 Decatur Street/1696-1712 Broadway property. The GPR unit utilized was a GSSI model SIR-3000 with a 400 MHz antenna.

The GPR system consisted of a control unit, control cable, and a transducer. The GPR control unit transmits a trigger pulse at a normal repetition rate of 50 KHz. The pulse is then sent to the transmitter electronics in the transducer (antenna) via the control cable where the trigger pulses are transformed into bipolar pulses with higher amplitudes. The transformed pulse will vary in shape and frequency according to the transducer used. The GSSI system is capable of transmitting electromagnetic energy into the subsurface of the earth in the frequency range of 16 MHz to 2000 MHz. In the subsurface, reflections of the pulse occur at boundaries where there is a dielectric contrast (void, steel, soil type). The reflected portion of the signal travels back to the antenna and the control unit and is subsequently shown on the display of the computers color video monitor for interpolation.

A qualified technician specified a coordinate system on the planimetric surfaces to locate any subsurface dielectric anomalies on the premises. The operator used knowledge of the subsurface soil composition to calibrate the SIR-3000 system to site specific conditions. Factor settings such as range, gain, number of gain points, and scans per unit, were modified to yield the most accurate data to describe the subsurface conditions.

The GPR survey was completed by dividing the areas of the properties into grids and traversing the property with the GPR unit along the grid lines. The “grid” lines were set up in five (5) foot intervals along the north-south and east-west axes of the property. The survey did not identify any anomalies typical of an underground storage tank or sanitary system on either of the subject properties.

2.2 SHALLOW SOIL SAMPLES

Shallow soil samples were collected by utilizing a stainless steel hand auger to bore a hole approximately 2’ deep. The soil was placed in a stainless steel bowl and mixed prior to being placed in laboratory supplied sample vessels for transportation to the laboratory. **Figure 1** provides a map identifying the location of the above referenced soil samples.

1674-1684 Broadway

Shallow samples were collected from three (3) strategic locations on the 1674-1684 Broadway site. One (1) sample was located in the southwestern paved area of the subject property, one (1) sample was located in the southeastern paved area of the subject property, and one (1) sample was collected from beneath the basement of the hardware store in the northern portion of the subject property. The shallow soil samples were collected from 0'-2' bgs in each of the paved parking areas, and from 10'-12' feet bgs (0'-2' beneath the depth of the existing basement foundation) in the hardware store basement.

760-770 Decatur Street/1696-1712 Broadway

Shallow samples were collected from five (5) strategic locations on the 760-770 Decatur Street/1696-1712 Broadway property. The samples were collected from locations evenly spaced across the property that were considered representative of the subject property subsurface from a depth of 0'-2' bgs.

2.3 DEEP SOIL SAMPLES

Soil probes were installed using a Power Probe hydraulic probing unit in order to collect soil samples which provided a representation of the subsurface soil in five (5) foot intervals from grade to the desired depth. **Figure 1** provides a map identifying the location of the below referenced soil probes.

1674-1684 Broadway

Two (2) soil probes were drilled to a depth of thirty (30) feet and terminated, since groundwater was not encountered on the 1674-1684 Broadway property. These probes were installed in the southwestern and southeastern paved parking areas of the property, as previously described. Deep soil samples were collected from each of the probes installed in the paved parking areas at a depth of 15'-17' below grade, since the proposed structure for 1674-1684 Broadway will be situated on a basement foundation.

The deep sample collected from the basement of the hardware store was collected at a depth of 15'-17' below grade utilizing a hand auger, since it was not possible to utilize the Power Probe unit in the basement. This sample was collected by utilizing a stainless steel hand auger to bore a hole approximately 7' deep. This soil was placed in a stainless steel bowl and mixed prior to being placed in laboratory supplied sample vessels for transportation to the laboratory.

760-770 Decatur Street/1696-1712 Broadway

Two (2) soil probes (located in the northwest and southeast corners of the subject property) were drilled to a depth of thirty (30) feet and terminated, since groundwater was not encountered on the 760-770 Decatur Street/1696-1712 Broadway property. The three (3) additional soil probes located in the remainder of the property were drilled to a depth of seventeen (17) feet and

terminated. Deep soil samples were collected from each of the probes installed at a depth of 15'-17' below grade, since the proposed structure for 760-770 Decatur Street/1696-1712 Broadway will be situated on a basement foundation.

2.3.1 Soil Probe Installation

The soil probes were installed using a Power Probe hydraulically powered soil probing tool. Mechanized, vehicle mounted soil probe systems apply both static force and hydraulically powered percussion hammers for tool placement. Recovery of large sample volumes was facilitated with a probe-driven sampler. The probe-driven sampler consisted of a dual tube sampling system that has an outer tube that remains in the ground while the inner tube is removed along with the non-reactive plastic tube in which the soil sample has been collected. This dual tube sampling system ensures that the soil sample collected is from the selected sampling depth as the probe was advanced. Discrete samples were secured at the desired depths and were contained within a non-reactive plastic sleeve that lined the hollow probe for subsequent inspection and analysis.

2.4 GROUNDWATER SAMPLES

1674-1684 Broadway

Groundwater samples were not collected from the 1674-1684 Broadway property since groundwater was not encountered within a depth of 30 feet below grade surface (bgs).

760-770 Decatur Street/1696-1712 Broadway

Groundwater samples were not collected from the 760-770 Decatur Street/1696-1712 Broadway property since groundwater was not encountered within a depth of 30 feet below grade surface (bgs).

2.5 SOIL VAPOR SAMPLING

All of the soil gas sampling was conducted using properly decontaminated Summa[®] canisters supplied by the laboratory and fitted with air flow regulators calibrated for a two (2) hour draw period.

1674-1684 Broadway

Two (2) temporary subsurface soil gas probes were installed at the 1674-1684 Broadway property. One (1) subsurface soil gas probe was installed in the southeastern paved parking area of the subject property, and one (1) subsurface soil gas probe was installed beneath the concrete floor in the hardware store basement.

760-770 Decatur Street/1696-1712 Broadway

Four (4) temporary subsurface soil gas probes were installed in representative quadrants at the 760-770 Decatur Street/1696-1712 Broadway.

2.5.1 Soil Vapor Point Installation

The soil vapor points were drilled to a depth of 15'-17' below the subsurface and the well probe was inserted into the boring and constructed with polyethylene tubing which was perforated to promote the flow of any soil gases which may be present in sub-soils. The annular space surrounding the well probe was backfilled with a coarse gravel pack to cover the perforated section of tubing screen and the remaining annular space was sealed with modeling clay to seal the well from any outside air intrusion.

2.5.2 Soil Vapor Sample Collection

Prior to collection of the soil gas sample, a tracer gas test was conducted on the well probe as a quality assurance/quality control (QA/QC) measure to verify the integrity of the soil vapor probe seal. A helium tracer gas was used during the test and conducted in a manner consistent with the procedures outlined in Section 2.7.5 of the Guidance for Evaluating Soil Vapor Intrusion in the State of New York. During the test, an enriched atmosphere ranging from 98 to 100 percent was achieved in the immediate vicinity of the area where the probes intersected the ground surface using a 5-gallon bucket over the well point. Soil gas air was purged from the soil gas probe at a rate of 0.20 liters per minute (L/min). Following the well purging, a helium detector was used to extract the air from the well and record the concentration of helium contained within. Results of the test detected less than one (1) percent helium; this procedure indicates that an adequate seal had been obtained for all of the probes installed.

Following QA/QC procedures approximately one (1) to three (3) volumes of air were purged from the soil vapor point locations to ensure the collection of a representative sample of soil gas as outlined in Section 2.7 of the NYSDOH Guidance Manual.

The Summa[®] canisters were fitted with a 2-hour regulator was used for the withdrawal of the soil gas samples to ensure a soil gas collection rate of less than 0.20 L/min. The canisters and regulators were connected to the well points and soil gas was extracted via the negative pressure atmosphere within the canister.

2.6 SOIL PILE SAMPLING

One (1) composite soil pile sample was collected from the soil piles present on the western side of the 760-770 Decatur Street/1696-1712 Broadway property. The sample was collected by utilizing a stainless steel hand auger to bore into two (2) representative locations on each soil pile. The soil from each of the soil piles was placed in a stainless steel bowl and mixed prior to being placed in laboratory supplied sample vessels for transportation to the laboratory. **Figure 1** provides a map identifying the location of the soil pile sample.

2.7 LABORATORY SAMPLE LOCATION AND FREQUENCY

The soil and soil vapor samples collected from the site were containerized and labeled for identification purposes. The labels were coded to correspond to the location from which the samples were secured. **Figures 1A** and **1B** provide maps identifying the locations of the samples and how the samples were coded during labeling. **Tables 2A** and **2B** provide a list of the Sample ID and the depth from which the samples sent to the laboratory were collected.

TABLE 2A

SAMPLE IDENTIFICATION - 1674-1684 BROADWAY

SAMPLE ID	DATE COLLECTED	SAMPLE LOCATION/ DEPTH
Site A SE 0'-2'	2/20/2014	Soil sample collected from the southeastern paved parking area of the 1674-1684 Broadway Property at a depth of 0'-2' bgs.
Site A SE 15'-17'	2/20/2014	Soil sample collected from the southeastern paved parking area of the 1674-1684 Broadway Property at a depth of 15'-17' bgs.
Site A Basement 10'-12'	2/20/2014	Soil sample collected from the basement beneath the hardware store in the northern portion of the 1674-1684 Broadway Property at a depth of 10'-12' bgs.
Site A Basement 15'-17'	2/20/2014	Soil sample collected from the basement beneath the hardware store in the northern portion of the 1674-1684 Broadway Property at a depth of 15'-17' bgs.
Site A SW 0'-2'	2/20/2014	Soil sample collected from the southwestern paved parking area of the 1674-1684 Broadway Property at a depth of 0'-2' bgs.
Site A SW 15'-17'	2/20/2014	Soil sample collected from the southwestern paved parking area of the 1674-1684 Broadway Property at a depth of 15'-17' bgs.
Site A Basement SG	2/20/2014	Soil vapor sample collected from the basement beneath the hardware store in the northern portion of the 1674-1684 Broadway Property at a depth of 15'-17' bgs.
Site A SE SG	2/20/2014	Soil vapor sample collected from the southeastern paved parking area of the 1674-1684 Broadway Property at a depth of 15'-17' bgs.

TABLE 2B
SAMPLE IDENTIFICATION - 760-770 DECATUR STREET/1696-1712 BROADWAY

SAMPLE ID	DATE COLLECTED	SAMPLE LOCATION/ DEPTH
B-1 0'-2'	2/20/14	Soil sample collected from the southern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 0'-2' bgs.
B-1 15'-17'	2/20/14	Soil sample collected from the southern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
B-2 0'-2'	2/20/14	Soil sample collected from the northwestern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 0'-2' bgs.
B-2 15'-17'	2/20/14	Soil sample collected from the northwestern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
B-3 0'-2'	2/20/14	Soil sample collected from the northern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 0'-2' bgs.
B-3 15'-17'	2/20/14	Soil sample collected from the northern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
B-4 0'-2'	2/20/14	Soil sample collected from the eastern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 0'-2' bgs.
B-4 15'-17'	2/20/14	Soil sample collected from the eastern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
B-5 0'-2'	2/20/14	Soil sample collected from the southwestern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 0'-2' bgs.
B-5 15'-17'	2/20/14	Soil sample collected from the southwestern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
Site B Soil Pile	2/20/14	Composite soil sample collected from the soil piles located in the western portion of the 760-770 Decatur Street/1696-1712 Broadway Property.
Site B SG1	2/20/14	Soil vapor sample collected from the southern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
Site B SG2	2/20/14	Soil vapor sample collected from the eastern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
Site B SG3	2/20/14	Soil vapor sample collected from the northern portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.
Site B SG4	2/20/14	Soil vapor sample collected from the western portion of the 760-770 Decatur Street/1696-1712 Broadway Property at a depth of 15'-17' bgs.

2.8 USER RELIANCE

Nelson, Pope & Voorhis, LLC (NP&V) understands that our client (and their successors or assigns) are relying upon the contents of this Limited Phase II Environmental Site Assessment report for the above referenced property in making a loan secured by or affecting the property and/or acquiring the property as the case may be. The format of this Limited Phase II Environmental Site Assessment was predicated upon general guideline requirements established by individual lending institutions, American Society for Testing and Materials Standards (1903-11), various professional organizations, and our professional judgment.

The following entities can rely upon the contents of this Limited Phase II ESA for the above referenced property in making a loan secured by or affecting the property and/or acquiring the property as the case may be.

1. The City of New York, including its officials and employees, and its successors and/or assigns
c/o Department of Housing Preservation & Development
2. Broadway Decatur Owners LLC, its successors and/or assigns
3. Broadway Decatur Housing Development Fund Corporation, its successors and/or assigns
4. Alembic Development Company, LLC, its successors and/or assigns
5. SUS-Mental Health Programs, Inc., its successors and/or assigns
6. Olive Branch Consulting, Ltd.
7. State of New York Mortgage Agency, its successors and/or assigns
8. Services for the Underserved, Inc., its successors and/or assigns

3.0 LABORATORY ANALYSIS

3.1 ANALYTICAL TEST METHODS

The soil and soil vapor samples were transported to a New York State Certified Commercial Laboratory for analysis. Selection of the analytical test methods for the seventeen (17) soil samples were based on the parameters set forth in NYSDEC Part 375 regulations for the presence of volatile and semi-volatile organic compounds with PCB's and TAL metals. The six (6) soil vapor samples were analyzed based on USEPA Test Method TO-15 for volatile organic compounds.

3.2 SOIL ANALYTICAL RESULTS

3.2.1 1674-1684 Broadway

Laboratory analysis performed on the three (3) shallow and three (3) deep soil samples from 1674-1684 Broadway Property exhibited slightly elevated concentrations of semi-volatile organic compounds, pesticides, and metals. None of the samples collected exhibited elevated concentrations of volatile organic compounds or PCBs. **Tables 3A and 3B** provide a comparison of those constituents with elevated concentrations and the NYSDEC Soil Cleanup Objectives set forth in Part 375 - Remedial Program Soil Cleanup Objectives (SCOs). As depicted in this table, none of the constituents exceeded the guidance values for volatile organic compounds, semi-volatile organic compounds, pesticides, or PCBs.

Laboratory analysis of the shallow soil sample collected from the basement of the 1674-1684 Broadway Property exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins. Of note, it is possible that the metals found to exceed NYSDEC Soil Cleanup Objectives are naturally occurring in soils.

None of the additional samples collected from the 1674-1684 Broadway Property exhibited elevated concentrations of volatile organic compounds, semi-volatile organic compounds, pesticides, PCBs or metals that exceeded the NYSDEC Soil Cleanup Objectives.

Based on these results, it is recommended that the regulatory agency be contacted to determine if remediation is appropriate with respect to the basement shallow soils on the property that exhibited concentrations in excess of regulatory Soil Cleanup Objectives. It is noted that the area of the property has historically been used for commercial and light industrial purposes and low concentrations of semi-volatile organic compounds and metals in soils may be ubiquitous. The laboratory analysis sheets (NYS ASPA) as prepared by Long Island Analytical Laboratories are presented in **Appendix A** of this document.

TABLE 3A
SHALLOW SOIL SAMPLE RESULTS - 1674-1684 BROADWAY

Constituents	Site A SE 0'-2'	Site A Basement 10'-12'	Site A SW 0'-2'	6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted-Residential
Semi-Volatiles	ug/kg	ug/kg	ug/kg	ug/kg
Benzoic Acid	278	156	ND	NS
2-Methylnaphthalene	ND	64.3	ND	NS
Phenanthrene	676	110	ND	100,000
Anthracene	ND	ND	ND	100,000
Di-n-butyl phthalate	ND	71.1	ND	NS
Fluoranthene	972	224	ND	100,000
Pyrene	897	219	ND	100,000
Benzo(a)anthracene	481	147	ND	1,000
Chrysene	548	179	ND	3,900
Bis(2-Ethylhexyl)phthalate	ND	185	448	NS
Benzo(b)fluoranthene	694	212	ND	1,000
Benzo(k)fluoranthene	274	99.8	ND	3,900
Benzo(a)pyrene	473	171	ND	1,000
Indeno(1,2,3-cd)pyrene	454	191	290	500
Dibenzo(a,h)anthracene	ND	58.2	252	330
Benzo(g,h,i)perylene	398	174	327	100,000
Volatiles	ug/kg	ug/kg	ug/kg	ug/kg
No Volatiles Detected				
Pesticides	ug/kg	ug/kg	ug/kg	ug/kg
Trans-Chlordane	6.67	286	ND	NS
cis-Chlordane	10.8	265	ND	NS
4,4'-DDE	9.93	40.1	ND	8,900
4,4'-DDD	ND	30.2	ND	13,000
4,4'-DDT	58.1	65.5	ND	7,900
Chlordane	29.0	2,120	ND	9,200
PCBs/Aroclor	ug/kg	ug/kg	ug/kg	ug/kg
No PCBs Detected				
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	8,990	6,300	3,740	NS
Arsenic	3.38	3.05	ND	16.0
Barium	65.5	243	33.8	400
Cadmium	ND	1.85	ND	4.3
Calcium	6,340	11,000	2,420	NS
Chromium	20.5	18.2	9.91	110
Cobalt	6.10	4.37	5.13	NS
Copper	33.2	56.3	11.6	270
Iron	15,100	11,300	17,900	NS
Lead	62.0	920	5.24	400
Magnesium	4,260	2,910	2,110	NS
Manganese	235	199	429	2,000

Nickel	15.9	9.69	9.03	310
Potassium	1,600	935	669	NS
Sodium	143	382	105	NS
Thallium	2.05	1.98	ND	NS
Vanadium	24.3	13.7	18.3	NS
Zinc	165	383	24.5	10,000
Mercury	0.17	2.20	0.02	0.81

ND - Not Detected, NS - No Standard

Bold and Shaded exceeds 6 NYCRR Part 375 Soil Cleanup Objectives for Restricted-Residential use

TABLE 3B
DEEP SOIL SAMPLE RESULTS - 1674-1684 BROADWAY

Constituents	Site A SE 15'-20'	Site A Basement 15'-17'	Site A SW 15'-17'	6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted-Residential
Semi-Volatiles	ug/kg	ug/kg	ug/kg	ug/kg
Benzoic Acid	104	64.3	ND	NS
2-Methylnaphthalene	ND	ND	ND	NS
Phenanthrene	291	ND	ND	100,000
Anthracene	83.6	ND	ND	100,000
Di-n-butyl phthalate	ND	ND	ND	NS
Fluoranthene	387	ND	ND	100,000
Pyrene	321	ND	ND	100,000
Benzo(a)anthracene	193	ND	ND	1,000
Chrysene	194	ND	ND	3,900
Bis(2-Ethylhexyl)phthalate	80.8	52.6	405	NS
Benzo(b)fluoranthene	238	ND	ND	1,000
Benzo(k)fluoranthene	95.5	ND	ND	3,900
Benzo(a)pyrene	180	ND	ND	1,000
Indeno(1,2,3-cd)pyrene	158	54.0	77.5	500
Dibenzo(a,h)anthracene	50.2	47.5	50.1	330
Benzo(g,h,i)perylene	135	62.1	65.4	100,000
Volatiles	ug/kg	ug/kg	ug/kg	ug/kg
No Volatiles Detected				
Pesticides	ug/kg	ug/kg	ug/kg	ug/kg
Trans-Chlordane	ND	8.46	ND	NS
cis-Chlordane	ND	7.91	ND	NS
4,4'-DDE	3.32	ND	ND	8,900
4,4'-DDD	9.83	ND	ND	13,000
4,4'-DDT	7.07	ND	ND	7,900
Chlordane	ND	74.1	ND	9,200
PCBs/Aroclor	ug/kg	ug/kg	ug/kg	ug/kg
No PCBs Detected				
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	2,820	4,910	5,610	NS
Arsenic	ND	ND	ND	16.0

Barium	29.8	40.3	30.4	400
Cadmium	ND	ND	ND	4.3
Calcium	4,960	2,040	756	NS
Chromium	6.88	14.9	14.9	110
Cobalt	3.45	5.94	5.42	NS
Copper	8.21	12.5	8.63	270
Iron	9,600	14,200	13,800	NS
Lead	22.8	20.0	3.93	400
Magnesium	1,750	2,560	1,880	NS
Manganese	155	286	282	2,000
Nickel	6.54	11.8	9.45	310
Potassium	469	1,285	747	NS
Sodium	157	147	112	NS
Thallium	ND	2.13	1.98	NS
Vanadium	8.98	20.7	20.1	NS
Zinc	28.5	39.5	24.3	10,000
Mercury	0.20	0.17	ND	0.81

ND - Not Detected, NS - No Standard

Bold and Shaded exceeds 6 NYCRR Part 375 Soil Cleanup Objectives for Restricted-Residential use

3.2.2 760-770 Decatur Street/1696-1712 Broadway

Laboratory analysis performed on the five (5) shallow soil samples, five (5) deep soil samples and the composite soil pile sample from the 760-770 Decatur Street/1696-1712 Broadway Property exhibited slightly elevated concentrations of semi-volatile organic compounds, pesticides, and metals. None of the samples collected exhibited elevated concentrations of volatile organic compounds or PCBs. **Tables 4A** and **4B** provide a comparison of those constituents with elevated concentrations and the NYSDEC Soil Cleanup Objectives set forth in Part 375 - Remedial Program Soil Cleanup Objectives (SCOs). As depicted in this table, none of the constituents exceeded the guidance values for volatile organic compounds, pesticides, or PCBs.

Laboratory analysis of three (3) of the shallow soil samples collected from the 760-770 Decatur Street/1696-1712 Broadway Property (B-1, B-2 and B-4) exhibited elevated concentrations of five (5) semi volatile organic compounds (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene and dibenzo(a,h)anthracene) that exceed the NYSDEC Soil Cleanup Objectives. The shallow soil sample collected from B-1 also exhibited elevated concentrations of chrysene in that exceeds the NYSDEC Soil Cleanup Objective.

In addition, laboratory analysis of two (2) of the shallow soil samples collected from the 760-770 Decatur Street/1696-1712 Broadway Property (B-1 and B-2) exhibited elevated concentrations of one (1) metal, Barium, that exceed the NYSDEC Soil Cleanup Objectives by a very small margin. Of note, it is possible that the metal found to exceed NYSDEC Soil Cleanup Objectives is naturally occurring in soils.

None of the deep soil samples, the additional shallow soil samples, or the composite soil pile sample collected from the 760-770 Decatur Street/1696-1712 Broadway Property exhibited elevated concentrations of volatile organic compounds, semi-volatile organic compounds, pesticides, PCBs or metals that exceeded the NYSDEC Soil Cleanup Objectives.

Based on these results, it is recommended that the regulatory agency be contacted to determine if remediation is appropriate, with respect to shallow soils on the property that exhibited concentrations in excess of regulatory Soil Cleanup Objectives. It is noted that the area of the property has historically been used for commercial and light industrial purposes and low concentrations of semi-volatile organic compounds and metals in soils may be ubiquitous. The laboratory analysis sheets (NYS ASPA) as prepared by Long Island Analytical Laboratories are presented in **Appendix A** of this document.

**TABLE 4A
SHALLOW SOIL SAMPLE AND SOIL PILE RESULTS -
760-770 DECATUR STREET/1696-1712 BROADWAY**

Constituents	B-1 0'-2'	B-2 0'-2'	B-3 0'-2'	B-4 0'-2'	B-5 0'-2'	Site B Soil Pile	6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted-Residential
Semi-Volatiles	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	153	NS
Aniline	ND	ND	ND	ND	ND	80.1	NS
2-Chlorophenol	ND	ND	ND	ND	ND	155	NS
Bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	89.0	NS
2-Methylphenol	ND	ND	ND	ND	ND	68.8	NS
Bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	65.6	NS
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	66.4	NS
Nitrobenzene	ND	ND	ND	ND	ND	112	NS
2-Nitrophenol	ND	ND	ND	ND	ND	78.5	NS
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	93.1	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	80.1	NS
Naphthalene	ND	ND	ND	ND	ND	108	100,000
Hexachlorobutadiene	ND	ND	ND	ND	ND	84.2	NS
2-Methylnaphthalene	ND	ND	ND	ND	ND	159	NS
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	75.3	NS
2-Chloronaphthalene	ND	ND	ND	ND	ND	159	NS
Acenaphthylene	943	277	ND	262	ND	97.9	100,000
Acenaphthene	243	438	ND	ND	ND	98.7	100,000
Fluorene	453	463	ND	330	ND	ND	100,000
Phenanthrene	5,640	4,100	78.4	3,280	204	322	100,000
Anthracene	1,350	1,020	ND	797	43.6	74.5	100,000
Carbazole	318	376	ND	230	ND	ND	NS
Di-n-butyl phthalate	ND	6,890	ND	373	ND	53.4	NS
Fluoranthene	9,870	5,980	124	5,140	311	636	100,000

**The Henry Apartments - Broadway & Decatur Street
Limited Phase II ESA**

Pyrene	10,000	5,650	117	4,100	255	571	100,000
Butyl benzyl phthalate	ND	1,500	ND	ND	ND	ND	NS
Benzo(a)anthracene	5,690	3,080	60.7	2,450	136	325	1,000
Chrysene	6,490	3,030	67.1	2,560	140	373	3,900
Bis(2-Ethylhexyl)phthalate	228	917	134	13,900	361	ND	NS
Benzo(b)fluoranthene	7,230	3,330	66.4	2,770	154	491	1,000
Benzo(k)fluoranthene	2,310	1,270	ND	1,060	70.6	160	3,900
Benzo(a)pyrene	5,500	2,680	49.4	2,020	117	329	1,000
Indeno(1,2,3-cd)pyrene	4,090	2,110	54.4	1,560	116	292	500
Dibenzo(a,h)anthracene	1,080	517	ND	355	47.0	80.9	330
Benzo(g,h,i)perylene	3,600	1,910	52.3	1,290	107	256	100,000
Volatiles	ug/kg						
No Volatiles Detected							
Pesticides	ug/kg						
Trans-Chlordane	ND	9.77	ND	ND	ND	ND	NS
cis-Chlordane	8.60	15.3	ND	6.85	ND	ND	NS
4,4'-DDE	17.2	45.6	3.77	26.5	ND	ND	8,900
Dieldrin	15.5	11.5	ND	ND	ND	ND	200
4,4'-DDD	11.6	34.3	ND	3.51	ND	ND	13,000
4,4'-DDT	182	261	11.6	65.9	ND	18.7	7,900
Endrin Aldehyde	ND	9.67	ND	ND	ND	ND	NS
Chlordane	38.9	51.9	ND	21.6	ND	ND	9,200
PCBs/Aroclor	ug/kg						
No PCBs Detected							
Metals	mg/kg						
Aluminum	9,680	6,840	8,430	3,460	2,150	8,220	NS
Arsenic	2.94	3.21	ND	ND	ND	2.42	16.0
Barium	503	424	48.9	60.6	39.1	109	400
Calcium	21,700	35,800	5,000	9,110	9,750	2,800	NS
Chromium	18.2	14.0	17.0	10.2	5.16	24.3	110
Cobalt	7.63	5.34	5.59	3.26	2.56	7.26	NS
Copper	33.3	17.2	18.6	11.9	7.01	23.2	270
Iron	21,100	15,000	14,100	9,870	6,840	23,400	NS
Lead	216	199	68.7	38.0	18.0	81.0	400
Magnesium	4,020	3,040	4,090	1,890	3,800	2,120	NS
Manganese	225	292	283	171	207	438	2,000
Nickel	17.4	8.94	10.5	6.95	5.48	13.1	310
Potassium	2,960	1,570	932	702	522	806	NS
Sodium	347	570	177	149	143	120	NS
Thallium	2.29	2.06	1.72	ND	ND	ND	NS
Vanadium	23.7	14.2	21.9	12.1	7.83	33.2	NS
Zinc	281	289	45.0	47.2	19.7	113	10,000
Mercury	0.10	0.14	0.55	0.05	ND	0.17	0.81

ND - Not Detected, NS - No Standard

Bold and Shaded exceeds 6 NYCRR Part 375 Soil Cleanup Objectives for Restricted-Residential use

TABLE 4B
DEEP SOIL SAMPLE RESULTS -
760-770 DECATUR STREET/1696-1712 BROADWAY

Constituents	B-1 15'-17'	B-2 15'-17'	B-3 15'-17'	B-4 15'-17'	B-5 15'-17'	6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted-Residential
Semi-Volatiles	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Phenanthrene	394	ND	ND	73.1	118	100,000
Anthracene	100	ND	ND	ND	ND	100,000
Fluoranthene	731	ND	ND	181	190	100,000
Pyrene	695	ND	ND	148	152	100,000
Butyl benzyl phthalate	76.2	ND	ND	ND	73.4	NS
Benzo(a)anthracene	398	ND	ND	96.3	97.7	1,000
Chrysene	417	ND	ND	99.1	105	3,900
Bis(2-Ethylhexyl)phthalate	973	133	78.3	283	799	NS
Benzo(b)fluoranthene	503	ND	ND	114	195	1,000
Benzo(k)fluoranthene	174	ND	ND	44.3	78.3	3,900
Benzo(a)pyrene	384	ND	ND	77.3	143	1,000
Indeno(1,2,3-cd)pyrene	321	ND	ND	64.7	178	500
Dibenzo(a,h)anthracene	84.5	ND	ND	ND	56.1	330
Benzo(g,h,i)perylene	288	ND	ND	59.7	158	100,000
Volatiles	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
No Volatiles Detected						
Pesticides	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDT	7.03	ND	ND	ND	3.30	7,900
PCBs/Aroclor	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
No PCBs Detected						
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	2,140	2,600	2,990	2,140	1,770	NS
Barium	51.8	21.7	27.1	17.8	21.3	400
Calcium	8,530	8,170	1,170	2,950	6,560	NS
Chromium	6.95	5.09	7.95	5.07	4.42	110
Cobalt	2.42	2.77	4.30	2.58	2.11	NS
Copper	6.62	9.93	11.6	5.27	5.96	270
Iron	7,190	5,860	11,900	5,440	5,010	NS
Lead	22.8	3.09	3.03	5.44	6.54	400
Magnesium	3,160	3,850	1,510	1,380	2,920	NS
Manganese	131	141	251	133	131	2,000
Nickel	4.72	6.96	7.05	4.70	4.33	310
Potassium	447	496	490	351	349	NS
Sodium	142	183	96.9	97.3	74.4	NS
Vanadium	7.51	9.06	17.1	8.33	10.4	NS
Zinc	136	15.2	15.8	15.0	12.9	10,000

ND - Not Detected, NS - No Standard

Bold and Shaded exceeds 6 NYCRR Part 375 Soil Cleanup Objectives for Restricted-Residential use

3.3 SOIL VAPOR AND AMBIENT AIR ANALYTICAL RESULTS

The laboratory analysis performed on soil vapor samples exhibited elevated concentrations of several of the volatile organic compounds analyzed. **Tables 5A** and **5B** provide a list of those constituents with elevated concentrations and their values. The laboratory analysis sheets (NYS ASPA) as prepared by Long Island Analytical are presented in **Appendix A** of this document.

3.3.1 1674-1684 Broadway

New York State currently does not have any standards for concentrations of compounds in subsurface vapors. In the absence of this information, soil vapor sampling results are compared to general background outdoor air levels and the NYSDOH guidelines for volatile organic chemicals in air. Soil vapor results are also reviewed “as a whole” to identify trends and special variations in the data, as outlined in the manual.

Review of the soil vapor sampling conducted at the 1674-1684 Broadway property detected elevated levels of several volatile organic compounds in soil vapor at both of the sample locations. In order to quantify these results, the detected compound concentrations were compared to the Upper Fence concentration values provided within the NYSDOH 2006: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes which recorded levels of volatile organic compounds in air of homes heated with fuel oil. The levels within the NYSDOH 2006 study were utilized in accordance with the recommendations provided in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York which suggests the use of these values as initial benchmarks when evaluating air quality for residential uses. However, it should be recognized that these background levels are only for comparison purposes and are not intended to be established as regulatory standards.

Review of the analytical results (**Table 5A**) revealed that thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins. The compounds identified in the soil vapor samples collected from the basement consisted of: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, chloroform, cyclohexane, ethylbenzene, methylene chloride, n-heptane, n-hexane, o-xylene, m,p xylenes, tetrachloroethylene and toluene. The compounds identified in the soil vapor samples collected from the southeastern paved parking area consisted of: 1,2,4-trimethylbenzene, acetone, benzene, cyclohexane, ethylbenzene, methyl ethyl ketone (2-butanone), n-Heptane, n-Hexane, o-xylene, m,p xylenes, and toluene. Since none of these compounds were detected in shallow or deep soil samples on the site, it is expected that they originate from an off-site source and existing in groundwater underlying sites in the area.

Based on these results, appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant and/or a sub slab depressurization system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, these compounds should be included in a monitoring program to assess if changes in these levels occurs over time.

TABLE 5A
SUBSURFACE SOIL GAS SAMPLING RESULTS –
1674-1684 BROADWAY

Constituents	Site A Basement SG	Site A SE SG	NYSDOH Air Guidelines	NYSDOH 2006 Outdoor Air
Volatiles	ug/m³	ug/m³	ug/m³	ug/m³
1,2,4-Trimethylbenzene	54.0	20.0	NV	1.9
1,3,5-Trimethylbenzene	17.0	ND	NV	0.7
4-Ethyltoluene	76.0	24.0	NV	NV
Acetone	9.30	200	NV	30
Benzene	25.0	23.0	NV	4.8
Chloroform	14.0	ND	NV	0.5
Cyclohexane	9.50	11.0	NV	0.9
Ethylbenzene	94.0	29.0	NV	1.0
Methyl Ethyl Ketone (2-Butanone)	ND	38.0	NV	5.3
Methylene Chloride	11.0	ND	60	1.6
n-Heptane	75.0	35.0	NV	4.5
n-Hexane	100	110	NV	2.2
o-Xylene	89.0	29.0	NV	1.2
m,p-Xylenes	330	98.0	NV	1.0
Tetrachloroethylene	52.0	ND	100	0.7
Toluene	530	110	NV	5.1

Notes: ug/m³ - micrograms per cubic meter; NV - No value provided

Bold/Red exceeds NYSDOH guidelines for volatile organic chemicals in air. **Bold/Black** exceeds NYSDOH 2006 Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes Upper Fence Outdoor Air Value.

Values used for comparison for each sample type/matrix were utilized as per the recommendations in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

3.3.2 760-770 Decatur Street/1696-1712 Broadway

New York State currently does not have any standards for concentrations of compounds in subsurface vapors. In the absence of this information, soil vapor sampling results are compared to general background outdoor air levels and the NYSDOH guidelines for volatile organic chemicals in air. Soil vapor results are also reviewed “as a whole” to identify trends and special variations in the data, as outlined in the manual.

Review of the soil vapor sampling conducted at the 760-770 Decatur Street/1696-1712 Broadway property detected elevated levels of several volatile organic compounds in soil vapor at all of the sample locations. In order to quantify these results, the detected compound concentrations were compared to the Upper Fence concentration values provided within the NYSDOH 2006: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes which recorded levels of volatile organic compounds in air of homes heated with fuel oil. The levels within the NYSDOH 2006 study were utilized in accordance with the recommendations provided in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York which suggests the use of these values as initial benchmarks when evaluating air quality for residential uses. However, it should be recognized that these background levels are only for comparison purposes and are not intended to be established as regulatory standards.

Review of the analytical results (**Table 5B**) revealed that ten (10) of the compounds were detected above their respective NYSDOH 2006 database levels in the SG-1, SG-3 and SG-4 soil vapor samples and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the SG-2 soil vapor sample. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins. The compounds identified in the soil vapor samples in the soil vapor samples collected from the 760-770 Decatur Street/1696-1712 Broadway property consisted of: 1,2,4-trimethylbenzene, acetone, benzene, cyclohexane, ethylbenzene, methylene chloride, n-heptane, n-hexane, o-xylene, m,p xylenes, toluene and trichlorofluoromethane. Since none of these compounds were detected in shallow or deep soil samples on the site, it is expected that they originate from an off-site source and existing in groundwater underlying sites in the area.

Based on these results, appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant or a sub slab depressurization system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, these compounds should be included in a monitoring program to assess if changes in these levels occurs over time.

TABLE 5B
SUBSURFACE SOIL GAS AND AMBIENT AIR SAMPLING RESULTS -
760-770 DECATUR STREET/1696-1712 BROADWAY

Constituents	Site B SG-1	Site B SG-2	Site B SG-3	Site B SG-4	NYSDOH Air Guidelines	NYSDOH 2006 Outdoor Air
Volatiles	ug/m ³	ug/m ³				
1,2,4-Trimethylbenzene	26.0	20.0	20.0	12.0	NV	1.9
4-Ethyltoluene	23.0	27.0	29.0	25.0	NV	NV
Acetone	11.0	13.0	11.0	37.0	NV	30
Benzene	7.10	8.20	8.30	25.0	NV	4.8
Carbon Disulfide	ND	ND	ND	8.90	NV	NV
Cyclohexane	ND	ND	ND	9.90	NV	0.9
Ethylbenzene	32.0	31.0	35.0	65.0	NV	1.0
Methylene Chloride	17.0	25.0	11.0	13.0	60	1.6
n-Heptane	18.0	21.0	21.0	68.0	NV	4.5
n-Hexane	29.0	36.0	32.0	110	NV	2.2
o-Xylene	33.0	30.0	33.0	49.0	NV	1.2
m/p-Xylene	120	110	130	200	NV	1.0
Propylene	ND	ND	ND	11.0	NV	NV
Toluene	150	130	160	460	NV	5.1
Trichloroflouromethane	ND	14.0	ND	ND	NV	5.1

Notes: ug/m³ - micrograms per cubic meter; NV - No value provided

Bold/Red exceeds NYSDOH guidelines for volatile organic chemicals in air. Used only for comparison with soil gas results.

Bold/Black exceeds NYSDOH 2006 Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes Upper Fence Outdoor Air Value. Used only for comparison with outdoor air results.

Values used for comparison for each sample type/matrix were utilized as per the recommendations in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

4.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES (QA/QC)

This sampling protocol was conducted in accordance with USEPA accepted sampling procedures for hazardous waste streams (Municipal Research Laboratory, 1980, Sampling and Sampling Procedures for Hazardous Material Waste Streams, USEPA, Cincinnati, Ohio EPA- 600\280-018) and ASTM Material Sampling Procedures. All samples were collected by or under the auspices of USEPA trained personnel having completed the course Sampling of Hazardous Materials, offered by the Office of Emergency and Remedial Response.

Separate QA/QC measures were implemented for each of the instruments used in the Sampling and Analysis Program. Sampling instruments included a stainless steel Power Probe with probe sections, a stainless steel mixing bowl, Summa® canisters photo ionization detector, dedicated polyethylene tubing and sample vessels.

Prior to arrival on the site and between sample locations, the probes sections were decontaminated by washing with a detergent (alconox/liquinox) and potable water solution with distilled water rinse. The organic vapor analyzer was calibrated prior to sampling using a span gas of known concentration. All sample vessels were "level A" certified decontaminated containers. Samples were placed into vessels consistent with the analytical parameters. After acquisition, samples were preserved in the field. All containerized samples were refrigerated to 4° C during transport.

A sample represents physical evidence; therefore, an essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of-custody procedures were followed.

Sample Identification

Sample identification was executed by use of a sample tag, log book and manifest. Documentation provides the following:

1. Project Code
2. Sample Laboratory Number
3. Sample Preservation
4. Instrument Used for Source Soil Grabs
5. Composite Medium Used for Source Soil Grabs
6. Date Sample was Secured from Source Soil
7. Time Sample was Secured from Source Soil
8. Person Who Secured Sample from Source Soil

Chain-of-Custody Procedures

Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if:

It was in a person's possession, or
It was in a person's view, after being in possession, or
It was in a person's possession and they were to lock it up, or
It is in a designated secure area.

When transferring custody, the individuals relinquishing and receiving signed, dated and noted the time on the Chain-of-Custody Form.

Laboratory Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody records. Pertinent information as to shipment, pick-up, courier, etc. was entered in the "remarks" section. The custodian then entered the sample tag data into a bound logbook which was arranged by project code and station number.

The laboratory custodian used the sample tag number or assigned an unique laboratory number to each sample tag and assured that all samples were transferred to the proper analyst or stored in the appropriate source area.

The custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples from the time they were received until the sample was exhausted or returned to the custodian.

All identifying data sheets and laboratory records were retained as part of the permanent site record. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

5.0 SUMMARY AND CONCLUSION

This investigation was completed to address issues raised in prior Phase I ESAs prepared by NP&V. A sampling and analysis program was designed by NP&V to determine if the prior uses of the subject properties had impacted the subsoils and underlying groundwater. The sampling and analysis plan consisted of soil/sediment, groundwater and soil vapor testing, and a GPR survey using analytical test methods consistent with expected parameters and agency soil cleanup objectives. The following presents an evaluation of the results of this investigation.

1. 1674-1684 Broadway:

Soil: Three (3) shallow soil samples and three (3) deep soil samples were collected at strategic locations throughout the 1674-1684 Broadway property. Laboratory analysis performed on the three (3) shallow soil samples and three (3) deep soil samples from the 1674-1684 Broadway Property exhibited elevated concentrations of semi-volatile organic compounds, pesticides, and metals. Laboratory analysis of the shallow soil sample collected from the basement of the 1674-1684 Broadway Property exhibited elevated concentrations of two (2) metals (lead and mercury) that exceed the NYSDEC Soil Cleanup Objectives by relatively small margins. Of note, it is possible that the metals found to exceed NYSDEC Soil Cleanup Objectives are naturally occurring in soils. None of the additional samples collected from the 1674-1684 Broadway Property exhibited elevated concentrations of volatile organic compounds, semi-volatile organic compounds, pesticides, PCBs or metals that exceeded the NYSDEC Soil Cleanup Objectives. Based on these results, it is recommended that the regulatory agency be contacted to determine if remediation is appropriate, with respect to the shallow soils on the property that exhibit concentrations of metals in excess of regulatory Soil Cleanup Objectives.

Groundwater: Groundwater samples were not collected from the 1674-1684 Broadway property since groundwater was not encountered within a depth of 30 feet below grade surface (bgs).

Soil Vapor: Review of the soil vapor sampling conducted at 1674-1684 Broadway detected elevated levels of several volatile organic compounds in soil vapor at both of the sample locations. Thirteen (13) of the compounds were detected above their respective NYSDOH 2006 database levels in the basement soil vapor sample and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the soil vapor sample collected from the southeast paved parking area. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins. Since none of these compounds were detected in shallow or deep soil samples on the site, it is expected that they originate from an off-site source and existing in groundwater underlying sites in the area. Based on these results, appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant or a sub slab vapor extraction system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, these compounds should be included in a monitoring program to assess if changes in these levels occur over time.

2. 760-770 Decatur Street/1696-1712 Broadway:

Soil: Five (5) shallow soil samples, five (5) deep soil samples, and a composite soil pile sample were collected at strategic locations throughout the 760-770 Decatur Street/1696-1712 Broadway property. Laboratory analysis performed on the five (5) shallow soil samples, five (5) deep soil samples and composite soil pile sample from the 760-770 Decatur Street/1696-1712 Broadway Property exhibited elevated concentrations of semi-volatile organic compounds, pesticides, and metals. Laboratory analysis of three (3) of the shallow soil samples collected from the 760-770 Decatur Street/1696-1712 Broadway Property (B-1, B-2 and B-4) exhibited elevated

concentrations of five (5) semi volatile organic compounds (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene and dibenzo(a,h)anthracene) that exceed the NYSDEC Soil Cleanup Objectives. The shallow soil sample collected from B-1 also exhibited an elevated concentration of chrysene in that exceeds the NYSDEC Soil Cleanup Objective. In addition, laboratory analysis of two (2) of the shallow soil samples collected from the 760-770 Decatur Street/1696-1712 Broadway Property (B-1 and B-2) exhibited elevated concentrations of one (1) metal, Barium, that exceed the NYSDEC Soil Cleanup Objectives by a very small margin. Of note, it is possible that the metal found to exceed NYSDEC Soil Cleanup Objectives is naturally occurring in soils. None of the deep soil samples, the additional shallow soil samples, or the composite soil pile sample collected from the 760-770 Decatur Street/1696-1712 Broadway Property exhibited elevated concentrations of volatile organic compounds, semi-volatile organic compounds, pesticides, PCBs or metals that exceeded the NYSDEC Soil Cleanup Objectives. Based on these results, it is recommended that the regulatory agency be contacted to determine if remediation is appropriate, with respect to shallow soils on the property that exhibited concentrations in excess of regulatory Soil Cleanup Objectives.

Groundwater: Groundwater samples were not collected from the 760-770 Decatur Street/1696-1712 Broadway property since groundwater was not encountered within a depth of 30 feet below grade surface (bgs).

Soil Vapor: Review of the soil vapor sampling conducted at 760-770 Decatur Street/1696-1712 Broadway detected elevated levels of several volatile organic compounds in soil vapor at all of the sample locations. Ten (10) of the compounds were detected above their respective NYSDOH 2006 database levels in the SG-1, SG-3 and SG-4 soil vapor samples and eleven (11) of the compounds were detected above their respective NYSDOH 2006 database levels in the SG-2 soil vapor sample. Several of the volatile organic compounds detected in both of the soil vapor samples exceeded the NYSDOH guidance values by large margins. Since none of these compounds were detected in shallow or deep soil samples on the site, it is expected that they originate from an off-site source and existing in groundwater underlying sites in the area. Based on these results, appropriate vapor intrusion mitigation methods should be developed (i.e., vapor barrier sealant or a sub slab vapor extraction system) in order to prevent harmful vapors from entering any future construction on the subject property. In addition, these compounds should be included in a monitoring program to assess if changes in these levels occur over time.

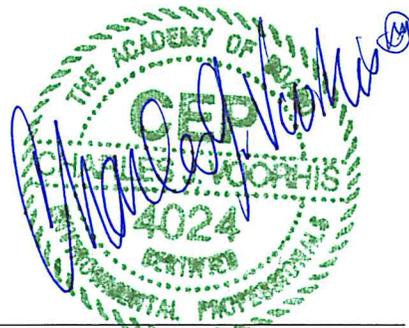
Evaluation of the results finds a decision must be made with respect to the potential need for remedial activities with respect to on-site soils for the subject properties based on the shallow soil samples, deep soil samples, composite soil pile sample and soil vapor samples. Soil samples analyzed detected the presence of concentrations of SVOC's, pesticides and metals. Elevated concentrations of two (2) metals in the shallow soil sample collected from the basement of the 1674-1684 Broadway Property were found to exceed NYSDEC Soil Cleanup Objectives, and elevated concentrations of six (6) SVOCs and one (1) metal were found to exceed NYSDEC Soil Cleanup Objectives in the shallow soil samples collected from 760-770 Decatur Street/1696-1712 Broadway. Soil vapor sampling results revealed that soil vapor intrusion mitigation and future monitoring is warranted at both of the properties based on NYSDOH guidance documents to prevent harmful vapors from entering any future construction on the subject property and to determine whether concentrations in the soil vapor changed over time. Given these circumstances, the following findings are offered:

1. The area surrounding the subject site has historically been used for commercial and light industrial use. Specifically, the 760-770 Decatur Street/1696-1712 Broadway was historically occupied by dry cleaning facilities.
2. The SVOCs detected in soil samples are common petroleum breakdown components which are frequently detected subsurface resources of industrialized areas.

The subject properties have been evaluated consistent with the recommendations of HPD, and in accordance with standard practice for the industry. This Limited Phase II ESA addresses only the specific areas of the site warranting further analysis and can only provide conclusions regarding the subsurface soil quality in those specific areas tested. The Limited Phase II ESA report is limited to the evaluation of on-site conditions at the time of completion of the field sampling program.

9/6/14

Date of Completion



Charles J. Voorhis, CEP, AICP
Project Manager

6.0 REFERENCES

New York State Department of Environmental Conservation (NYSDEC), 1992, Sampling Guidelines and Protocols, Technology Background and Quality Control/Quality Assurance for NYSDEC Spill Response Program, NYSDEC, Albany, New York.

American Society for Testing and Materials (ASTM), June 2011, E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, West Conshohocken, Pennsylvania.

New York State Department of Environmental Conservation (NYSDEC), December 2006, 6NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6, Division of Environmental Remediation, Albany, New York.

New York State Department of Environmental Conservation (NYSDEC), October 21, 2010, DEC Policy CP-51 Soil Cleanup Guidance, Albany, New York.

New York State Department of Health (NYSDOH), October 2006, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Bureau of Environmental Exposure Investigation, Troy, New York.

FIGURES



FIGURE 1A
SAMPLE LOCATION MAP -
1674-1684 BROADWAY

The Henry Apartments,
Brooklyn



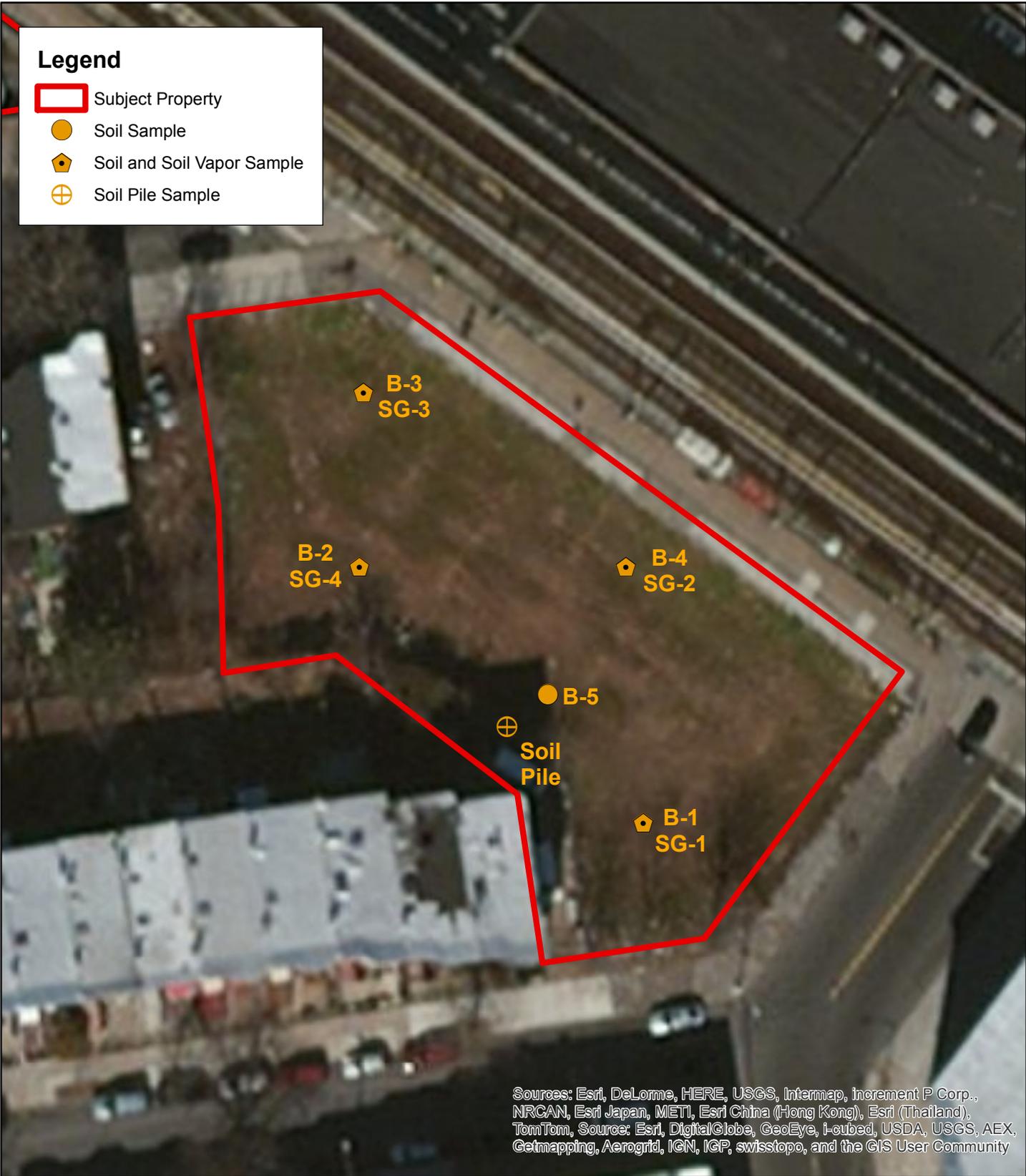
Source: ESRI Web Mapping Service
 Scale: 1 inch = 40 feet



Limited Phase II ESA

Legend

-  Subject Property
-  Soil Sample
-  Soil and Soil Vapor Sample
-  Soil Pile Sample



Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**FIGURE 1B
SAMPLE LOCATION MAP -
DECATUR/BROADWAY PROPERTY**

**The Henry Apartments,
Brooklyn**



Source: ESRI Web Mapping Service
Scale: 1 inch = 40 feet



Limited Phase II ESA

APPENDICES

APPENDIX A

LABORATORY DATA SHEETS



Laboratory Report

NYSDOH ELAP# 11693
 USEPA# NY01273
 CTDOH# PH-0284
 AIHA# 164456
 NJDEP# NY012
 PADEP# 68-2943

LIAL# 4022113

March 01, 2014

Nelson, Pope & Voorhis
 Steve McGinn
 572 Walt Whitman Road
 Melville, NY 11747

Re: **Broadway/Decatur Site A Brooklyn**

Dear Steve McGinn,

Enclosed please find the laboratory Analysis Report(s) for sample(s) recieved on February 21, 2014. Long Island Analytical laboratories analyzed the samples on February 27, 2014 for the following:

CLIENT ID	ANALYSIS
Site A SE 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
Site A SE 15-20'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
Site A Basement 10-12'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
Site A Basement 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
Site A SW 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
Site A SW 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List

Samples received at 0.7 ° C

5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn		
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'		
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01	% Solid:88.80	
Matrix: Soil	ELAP: #11693		

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.615	5.63	<5.63	ug/kg dry	2.T, 4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.657	5.63	<5.63	ug/kg dry	2.B, 2.T, 5.L
Chloromethane	74-87-3	0.720	5.63	<5.63	ug/kg dry	2.T, 5.L
Vinyl chloride	75-01-4	0.428	5.63	<5.63	ug/kg dry	2.T, 5.L
Bromomethane	74-83-9	1.87	5.63	<5.63	ug/kg dry	2.T, 5.L
Chloroethane	75-00-3	0.384	5.63	<5.63	ug/kg dry	2.T, 5.L
Trichlorofluoromethane	75-69-4	0.583	5.63	<5.63	ug/kg dry	2.T, 5.L
Acetone	67-64-1	6.56	56.3	<56.3	ug/kg dry	2.T, 5.L
1,1-Dichloroethylene	75-35-4	0.499	5.63	<5.63	ug/kg dry	2.T, 5.L
tert-Butyl alcohol	75-65-0	1.95	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.481	5.63	<5.63	ug/kg dry	2.T, 5.L
Acrylonitrile	107-13-1	0.716	5.63	<5.63	ug/kg dry	2.T, 5.L
Methylene Chloride	75-09-2	1.26	5.63	<5.63	ug/kg dry	2.T, 5.L
Carbon disulfide	75-15-0	0.399	5.63	<5.63	ug/kg dry	2.T, 5.L
Methyl-tert-Butyl Ether	1634-04-4	0.432	5.63	<5.63	ug/kg dry	2.T, 5.L
trans-1,2-Dichloroethylene	156-60-5	0.520	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1-Dichloroethane	75-34-3	0.616	5.63	<5.63	ug/kg dry	2.T, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.69	11.3	<11.3	ug/kg dry	2.T, 5.L
cis-1,2-Dichloroethylene	156-59-2	0.479	5.63	<5.63	ug/kg dry	2.T, 5.L
2,2-Dichloropropane	594-20-7	0.356	5.63	<5.63	ug/kg dry	2.T, 5.L
Bromochloromethane	74-97-5	0.667	5.63	<5.63	ug/kg dry	2.T, 5.L
Chloroform	67-66-3	0.598	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1,1-Trichloroethane	71-55-6	0.416	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2-Dichloroethane	107-06-2	0.550	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1-Dichloropropylene	563-58-6	0.532	5.63	<5.63	ug/kg dry	2.T, 5.L
Carbon Tetrachloride	56-23-5	0.539	5.63	<5.63	ug/kg dry	2.T, 5.L
Benzene	71-43-2	0.407	5.63	<5.63	ug/kg dry	2.T, 5.L
Trichloroethylene	79-01-6	0.615	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2-Dichloropropane	78-87-5	0.584	5.63	<5.63	ug/kg dry	2.T, 5.L
Dibromomethane	74-95-3	0.458	5.63	<5.63	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01	% Solid:88.80
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	26.0	56.3	<56.3	ug/kg dry	5.L, 2.T
Bromodichloromethane	75-27-4	0.484	5.63	<5.63	ug/kg dry	2.T, 5.L
4-Methyl-2-Pentanone	108-10-1	0.645	11.3	<11.3	ug/kg dry	2.T, 5.L
cis-1,3-Dichloropropylene	10061-01-5	0.483	5.63	<5.63	ug/kg dry	2.T, 5.L
Toluene	108-88-3	0.440	5.63	<5.63	ug/kg dry	2.T, 5.L
trans-1,3-Dichloropropylene	10061-02-6	0.376	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1,2-Trichloroethane	79-00-5	0.519	5.63	<5.63	ug/kg dry	5.L, 2.T
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.787	5.63	<5.63	ug/kg dry	2.T, 5.L
1,3-Dichloropropane	142-28-9	0.413	5.63	<5.63	ug/kg dry	2.T, 5.L
Dibromochloromethane	124-48-1	0.368	5.63	<5.63	ug/kg dry	5.L, 2.T
Tetrachloroethylene	127-18-4	0.529	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2-Dibromoethane	106-93-4	0.477	5.63	<5.63	ug/kg dry	2.T, 5.L
Chlorobenzene	108-90-7	0.479	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.756	5.63	<5.63	ug/kg dry	2.T, 5.L
Ethylbenzene	100-41-4	0.405	5.63	<5.63	ug/kg dry	2.T, 5.L
m,p-Xylenes	108-38-3/106-42-3	0.621	11.3	<11.3	ug/kg dry	2.T, 5.L
Styrene	100-42-5	0.288	5.63	<5.63	ug/kg dry	2.T, 5.L
o-Xylene	95-47-6	0.283	5.63	<5.63	ug/kg dry	5.L, 2.T
Bromoform	75-25-2	0.404	5.63	<5.63	ug/kg dry	2.T, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.396	5.63	<5.63	ug/kg dry	2.T, 5.L
Isopropylbenzene (Cumene)	98-82-8	0.283	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2,3-Trichloropropane	96-18-4	0.623	5.63	<5.63	ug/kg dry	2.T, 5.L
Bromobenzene	108-86-1	0.374	5.63	<5.63	ug/kg dry	2.T, 5.L
n-Propylbenzene	103-65-1	0.392	5.63	<5.63	ug/kg dry	2.T, 5.L
2-Chlorotoluene	95-49-8	0.436	5.63	<5.63	ug/kg dry	2.T, 5.L
4-Ethyltoluene	622-96-8	0.412	5.63	<5.63	ug/kg dry	2.B, 2.T, 5.L
4-Chlorotoluene	106-43-4	0.345	5.63	<5.63	ug/kg dry	2.T, 5.L
1,3,5-Trimethylbenzene	108-67-8	0.358	5.63	<5.63	ug/kg dry	2.T, 5.L
tert-Butylbenzene	98-06-6	0.511	5.63	<5.63	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn		
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'		
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01	% Solid:88.80	
Matrix: Soil	ELAP: #11693		

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.393	5.63	<5.63	ug/kg dry	2.T, 5.L
sec-Butylbenzene	135-98-8	0.350	5.63	<5.63	ug/kg dry	2.T, 5.L
1,3-Dichlorobenzene	541-73-1	0.320	5.63	<5.63	ug/kg dry	2.T, 5.L
4-Isopropyltoluene	99-87-6	0.445	5.63	<5.63	ug/kg dry	2.T, 5.L
1,4-Dichlorobenzene	106-46-7	0.458	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2-Dichlorobenzene	95-50-1	0.487	5.63	<5.63	ug/kg dry	2.T, 5.L
1,4-Diethylbenzene	105-05-5	0.288	5.63	<5.63	ug/kg dry	2.B, 2.T, 5.L
n-Butylbenzene	104-51-8	0.340	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.693	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.295	5.63	<5.63	ug/kg dry	2.B, 2.T, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.347	5.63	<5.63	ug/kg dry	2.T, 5.L
Naphthalene	91-20-3	0.664	5.63	<5.63	ug/kg dry	2.T, 5.L
Hexachlorobutadiene	87-68-3	0.327	5.63	<5.63	ug/kg dry	2.T, 5.L
1,2,3-Trichlorobenzene	87-61-6	0.628	5.63	<5.63	ug/kg dry	2.T, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	85	70-130	
1,2-Dichloroethane-d4	10706-07-0	75	70-130	
Toluene-d8	2037-26-5	107	70-130	
4-Bromofluorobenzene	460-00-4	104	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	108	50-200	
1,4-Difluorobenzene	540-36-3	120	50-200	
Chlorobenzene-d5	3114-55-4	118	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	91	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn		
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'		
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01	% Solid:88.80	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	95.7	760	<760	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	158	225	<225	ug/kg dry	3.A
Phenol	108-95-2	90.1	225	<225	ug/kg dry	3.A
Aniline	62-53-3	78.8	225	<225	ug/kg dry	3.A, 4.J
2-Chlorophenol	95-57-8	101	225	<225	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	146	225	<225	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	90.1	225	<225	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	107	225	<225	ug/kg dry	3.A
Benzyl alcohol	100-51-6	84.5	225	<225	ug/kg dry	3.A, 4.J
1,2-Dichlorobenzene	95-50-1	90.1	225	<225	ug/kg dry	3.A
2-Methylphenol	95-48-7	130	225	<225	ug/kg dry	3.A
Bis(2-chloroisopropyl)ether	39638-32-9	141	225	<225	ug/kg dry	3.A
Hexachloroethane	67-72-1	113	225	<225	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	101	225	<225	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	84.5	225	<225	ug/kg dry	3.A
Nitrobenzene	98-95-3	101	225	<225	ug/kg dry	3.A
Isophorone	78-59-1	78.8	225	<225	ug/kg dry	3.A
2-Nitrophenol	88-75-5	158	225	<225	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	163	225	<225	ug/kg dry	3.A
Benzoic Acid	65-85-0	135	225	278	ug/kg dry	3.E, 4.J
bis(2-Chloroethoxy)methane	111-91-1	113	225	<225	ug/kg dry	3.A
2,4-Dichlorophenol	120-83-2	78.8	225	<225	ug/kg dry	3.A
1,2,4-Trichlorobenzene	120-82-1	113	225	<225	ug/kg dry	3.A
Naphthalene	91-20-3	90.1	225	<225	ug/kg dry	3.A
4-Chloroaniline	106-47-8	78.8	225	<225	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	158	225	<225	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	175	225	<225	ug/kg dry	3.A
2-Methylnaphthalene	91-57-6	118	225	<225	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	101	225	<225	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	101	225	<225	ug/kg dry	3.A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01 % Solid:88.80
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	141	225	<225	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	78.8	225	<225	ug/kg dry	3.A
2-Nitroaniline	88-74-4	191	225	<225	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	95.7	225	<225	ug/kg dry	3.A
Acenaphthylene	208-96-8	124	225	<225	ug/kg dry	3.A
2,6-Dinitrotoluene	606-20-2	118	225	<225	ug/kg dry	3.A
3-Nitroaniline	99-09-2	180	225	<225	ug/kg dry	3.A
Acenaphthene	83-32-9	130	225	<225	ug/kg dry	3.A
2,4-Dinitrophenol	51-28-5	78.8	760	<760	ug/kg dry	3.A, 4.J
Dibenzofuran	132-64-9	107	225	<225	ug/kg dry	3.A
4-Nitrophenol	100-02-7	90.1	760	<760	ug/kg dry	3.A
2,4-Dinitrotoluene	121-14-2	78.8	225	<225	ug/kg dry	3.A
Fluorene	86-73-7	124	225	<225	ug/kg dry	3.A
Diethyl phthalate	84-66-2	113	225	<225	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	107	225	<225	ug/kg dry	3.A
4-Nitroaniline	100-01-6	113	225	<225	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	101	760	<760	ug/kg dry	3.A, 4.J
N-Nitrosodiphenylamine	86-30-6	101	225	<225	ug/kg dry	3.A
4-Bromophenyl phenyl ether	101-55-3	101	225	<225	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	113	225	<225	ug/kg dry	3.A
Pentachlorophenol	87-86-5	95.7	225	<225	ug/kg dry	3.A
Phenanthrene	85-01-8	124	225	676	ug/kg dry	3.E
Anthracene	120-12-7	101	225	<225	ug/kg dry	3.A
Carbazole	86-74-8	95.7	225	<225	ug/kg dry	3.A
Di-n-butyl phthalate	84-74-2	124	225	<225	ug/kg dry	3.A
Parathion (ethyl)	56-38-2	293	338	<338	ug/kg dry	3.A
Fluoranthene	206-44-0	113	225	972	ug/kg dry	3.E
Pyrene	129-00-0	118	225	897	ug/kg dry	3.E
Butyl benzyl phthalate	85-68-7	107	225	<225	ug/kg dry	3.A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01 % Solid:88.80
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	135	225	481	ug/kg dry	3.E
Chrysene	218-01-9	118	225	548	ug/kg dry	3.E
3,3'-Dichlorobenzidine	91-94-1	78.8	225	<225	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	118	225	<225	ug/kg dry	3.A
Di-n-octyl phthalate	117-84-0	78.8	225	<225	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	101	225	694	ug/kg dry	3.E
Benzo(k)fluoranthene	207-08-9	130	225	274	ug/kg dry	3.E
Benzo(a)pyrene	50-32-8	118	225	473	ug/kg dry	3.E
Indeno(1,2,3-cd)pyrene	193-39-5	152	225	454	ug/kg dry	3.E
Dibenzo(a,h)anthracene	53-70-3	146	225	<225	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	130	225	398	ug/kg dry	3.E

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	80	25-121	3.E
Phenol-d6	13127-88-3	84	24-113	3.E
Nitrobenzene-d5	4165-60-0	83	23-120	3.E
2-Fluorobiphenyl	321-60-8	83	30-115	3.E
2,4,6-Tribromophenol	118-79-6	88	19-122	3.E
Terphenyl-d14	1718-51-0	89	18-137	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	112	50-200	
Naphthalene-d8	1146-65-2	114	50-200	
Acenaphthene-d10	15067-26-2	111	50-200	
Phenanthrene-d10	1517-22-2	109	50-200	
Chrysene-d12	1719-03-5	109	50-200	
Perylene-d12	1520-96-3	101	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01 % Solid:88.80
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.274	5.63	<5.63	ug/kg dry	
gamma-BHC	58-89-9	0.279	5.63	<5.63	ug/kg dry	
beta-BHC	319-85-7	0.472	5.63	<5.63	ug/kg dry	
delta-BHC	319-86-8	0.341	5.63	<5.63	ug/kg dry	
Heptachlor	76-44-8	0.310	5.63	<5.63	ug/kg dry	
Aldrin	309-00-2	0.432	5.63	<5.63	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.500	5.63	<5.63	ug/kg dry	
trans-Chlordane	5103-74-2	0.713	5.63	6.67	ug/kg dry	
cis-Chlordane	5103-71-9	0.476	5.63	10.8	ug/kg dry	
4,4'-DDE	72-55-9	0.288	3.38	9.93	ug/kg dry	
Endosulfan I	959-98-8	0.544	5.63	<5.63	ug/kg dry	
Dieldrin	60-57-1	0.449	5.63	<5.63	ug/kg dry	
Endrin	72-20-8	0.516	5.63	<5.63	ug/kg dry	
4,4'-DDD	72-54-8	0.512	3.38	<3.38	ug/kg dry	
Endosulfan II	33213-65-9	0.958	5.63	<5.63	ug/kg dry	
4,4'-DDT	50-29-3	0.744	3.38	58.1	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.793	5.63	<5.63	ug/kg dry	
Methoxychlor	72-43-5	1.23	5.63	<5.63	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.32	5.63	<5.63	ug/kg dry	
Endrin Ketone	53494-70-5	1.14	5.63	<5.63	ug/kg dry	
Toxaphene	8001-35-2	7.75	113	<113	ug/kg dry	
Chlordane	12789-03-6	1.53	16.9	29.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	107	70-130	
Decachlorobiphenyl	2051-24-3	82	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	103	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01 % Solid:88.80
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.73	56.3	<56.3	ug/kg dry	
Aroclor-1260	11096-82-5	4.12	56.3	<56.3	ug/kg dry	
Aroclor-1221	11104-28-2	4.50	56.3	<56.3	ug/kg dry	
Aroclor-1232	11141-16-5	4.50	56.3	<56.3	ug/kg dry	
Aroclor-1242	53469-21-9	4.50	56.3	<56.3	ug/kg dry	
Aroclor-1248	12672-29-6	4.50	56.3	<56.3	ug/kg dry	
Aroclor-1254	11097-69-1	4.50	56.3	<56.3	ug/kg dry	
Aroclor-1262	37324-23-5	4.50	56.3	<56.3	ug/kg dry	
Aroclor-1268	11100-14-4	4.50	56.3	<56.3	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	98	70-130	
Decachlorobiphenyl	2051-24-3	79	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	98	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:20	Sample ID: Site A SE 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-01 % Solid:88.80
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	3.13	48.8	8990	mg/kg dry	3.E
Antimony	02/26/2014	EPA 6010 C	0.67	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.17	1.67	3.38	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.31	1.63	65.5	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.17	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.17	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.510	10.0	6340	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.16	1.67	20.5	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.159	1.67	6.10	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.14	1.67	33.2	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.21	24.4	15100	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.16	1.67	62.0	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.635	5.00	4260	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.22	1.67	235	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.19	1.67	15.9	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.56	10.0	1600	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.55	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.807	4.88	143	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.12	1.67	2.05	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.19	1.67	24.3	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.42	1.67	165	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.17	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02	% Solid:95.66
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.571	5.23	<5.23	ug/kg dry	2.T, 4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.609	5.23	<5.23	ug/kg dry	2.B, 2.T, 5.L
Chloromethane	74-87-3	0.668	5.23	<5.23	ug/kg dry	5.L, 2.T
Vinyl chloride	75-01-4	0.397	5.23	<5.23	ug/kg dry	2.T, 5.L
Bromomethane	74-83-9	1.74	5.23	<5.23	ug/kg dry	2.T, 5.L
Chloroethane	75-00-3	0.356	5.23	<5.23	ug/kg dry	2.T, 5.L
Trichlorofluoromethane	75-69-4	0.541	5.23	<5.23	ug/kg dry	2.T, 5.L
Acetone	67-64-1	6.09	52.3	<52.3	ug/kg dry	2.T, 5.L
1,1-Dichloroethylene	75-35-4	0.463	5.23	<5.23	ug/kg dry	2.T, 5.L
tert-Butyl alcohol	75-65-0	1.81	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.446	5.23	<5.23	ug/kg dry	2.T, 5.L
Acrylonitrile	107-13-1	0.665	5.23	<5.23	ug/kg dry	2.T, 5.L
Methylene Chloride	75-09-2	1.17	5.23	<5.23	ug/kg dry	2.T, 5.L
Carbon disulfide	75-15-0	0.370	5.23	<5.23	ug/kg dry	2.T, 5.L
Methyl-tert-Butyl Ether	1634-04-4	0.401	5.23	<5.23	ug/kg dry	2.T, 5.L
trans-1,2-Dichloroethylene	156-60-5	0.483	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1-Dichloroethane	75-34-3	0.572	5.23	<5.23	ug/kg dry	2.T, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.57	10.5	<10.5	ug/kg dry	2.T, 5.L
cis-1,2-Dichloroethylene	156-59-2	0.444	5.23	<5.23	ug/kg dry	2.T, 5.L
2,2-Dichloropropane	594-20-7	0.330	5.23	<5.23	ug/kg dry	2.T, 5.L
Bromochloromethane	74-97-5	0.619	5.23	<5.23	ug/kg dry	2.T, 5.L
Chloroform	67-66-3	0.555	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1,1-Trichloroethane	71-55-6	0.386	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2-Dichloroethane	107-06-2	0.510	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1-Dichloropropylene	563-58-6	0.493	5.23	<5.23	ug/kg dry	2.T, 5.L
Carbon Tetrachloride	56-23-5	0.501	5.23	<5.23	ug/kg dry	2.T, 5.L
Benzene	71-43-2	0.377	5.23	<5.23	ug/kg dry	2.T, 5.L
Trichloroethylene	79-01-6	0.571	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2-Dichloropropane	78-87-5	0.543	5.23	<5.23	ug/kg dry	2.T, 5.L
Dibromomethane	74-95-3	0.425	5.23	<5.23	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02	% Solid:95.66
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	24.1	52.3	<52.3	ug/kg dry	2.T, 5.L
Bromodichloromethane	75-27-4	0.450	5.23	<5.23	ug/kg dry	2.T, 5.L
4-Methyl-2-Pentanone	108-10-1	0.599	10.5	<10.5	ug/kg dry	2.T, 5.L
cis-1,3-Dichloropropylene	10061-01-5	0.448	5.23	<5.23	ug/kg dry	2.T, 5.L
Toluene	108-88-3	0.409	5.23	<5.23	ug/kg dry	2.T, 5.L
trans-1,3-Dichloropropylene	10061-02-6	0.349	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1,2-Trichloroethane	79-00-5	0.482	5.23	<5.23	ug/kg dry	2.T, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.731	5.23	<5.23	ug/kg dry	2.T, 5.L
1,3-Dichloropropane	142-28-9	0.384	5.23	<5.23	ug/kg dry	2.T, 5.L
Dibromochloromethane	124-48-1	0.342	5.23	<5.23	ug/kg dry	2.T, 5.L
Tetrachloroethylene	127-18-4	0.491	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2-Dibromoethane	106-93-4	0.443	5.23	<5.23	ug/kg dry	2.T, 5.L
Chlorobenzene	108-90-7	0.444	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.701	5.23	<5.23	ug/kg dry	2.T, 5.L
Ethylbenzene	100-41-4	0.376	5.23	<5.23	ug/kg dry	2.T, 5.L
m,p-Xylenes	108-38-3/106-42-3	0.576	10.5	<10.5	ug/kg dry	5.L, 2.T
Styrene	100-42-5	0.268	5.23	<5.23	ug/kg dry	5.L, 2.T
o-Xylene	95-47-6	0.262	5.23	<5.23	ug/kg dry	2.T, 5.L
Bromoform	75-25-2	0.375	5.23	<5.23	ug/kg dry	2.T, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.368	5.23	<5.23	ug/kg dry	2.T, 5.L
Isopropylbenzene (Cumene)	98-82-8	0.262	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2,3-Trichloropropane	96-18-4	0.578	5.23	<5.23	ug/kg dry	2.T, 5.L
Bromobenzene	108-86-1	0.347	5.23	<5.23	ug/kg dry	2.T, 5.L
n-Propylbenzene	103-65-1	0.364	5.23	<5.23	ug/kg dry	2.T, 5.L
2-Chlorotoluene	95-49-8	0.405	5.23	<5.23	ug/kg dry	2.T, 5.L
4-Ethyltoluene	622-96-8	0.383	5.23	<5.23	ug/kg dry	2.B, 2.T, 5.L
4-Chlorotoluene	106-43-4	0.320	5.23	<5.23	ug/kg dry	2.T, 5.L
1,3,5-Trimethylbenzene	108-67-8	0.332	5.23	<5.23	ug/kg dry	2.T, 5.L
tert-Butylbenzene	98-06-6	0.475	5.23	<5.23	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.365	5.23	<5.23	ug/kg dry	2.T, 5.L
sec-Butylbenzene	135-98-8	0.325	5.23	<5.23	ug/kg dry	2.T, 5.L
1,3-Dichlorobenzene	541-73-1	0.297	5.23	<5.23	ug/kg dry	2.T, 5.L
4-Isopropyltoluene	99-87-6	0.413	5.23	<5.23	ug/kg dry	2.T, 5.L
1,4-Dichlorobenzene	106-46-7	0.425	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2-Dichlorobenzene	95-50-1	0.452	5.23	<5.23	ug/kg dry	2.T, 5.L
1,4-Diethylbenzene	105-05-5	0.268	5.23	<5.23	ug/kg dry	2.B, 2.T, 5.L
n-Butylbenzene	104-51-8	0.316	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.643	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.274	5.23	<5.23	ug/kg dry	2.B, 2.T, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.322	5.23	<5.23	ug/kg dry	2.T, 5.L
Naphthalene	91-20-3	0.617	5.23	<5.23	ug/kg dry	2.T, 5.L
Hexachlorobutadiene	87-68-3	0.303	5.23	<5.23	ug/kg dry	2.T, 5.L
1,2,3-Trichlorobenzene	87-61-6	0.583	5.23	<5.23	ug/kg dry	2.T, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	86	70-130	
1,2-Dichloroethane-d4	10706-07-0	81	70-130	
Toluene-d8	2037-26-5	109	70-130	
4-Bromofluorobenzene	460-00-4	101	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	107	50-200	
1,4-Difluorobenzene	540-36-3	106	50-200	
Chlorobenzene-d5	3114-55-4	113	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	93	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	17.8	141	<141	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.3	41.8	<41.8	ug/kg dry	
Phenol	108-95-2	16.7	41.8	<41.8	ug/kg dry	
Aniline	62-53-3	14.6	41.8	<41.8	ug/kg dry	4.J
2-Chlorophenol	95-57-8	18.8	41.8	<41.8	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.2	41.8	<41.8	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	16.7	41.8	<41.8	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	19.9	41.8	<41.8	ug/kg dry	
Benzyl alcohol	100-51-6	15.7	41.8	<41.8	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	16.7	41.8	<41.8	ug/kg dry	
2-Methylphenol	95-48-7	24.0	41.8	<41.8	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	26.1	41.8	<41.8	ug/kg dry	
Hexachloroethane	67-72-1	20.9	41.8	<41.8	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	18.8	41.8	<41.8	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	15.7	41.8	<41.8	ug/kg dry	
Nitrobenzene	98-95-3	18.8	41.8	<41.8	ug/kg dry	
Isophorone	78-59-1	14.6	41.8	128	ug/kg dry	
2-Nitrophenol	88-75-5	29.3	41.8	<41.8	ug/kg dry	
2,4-Dimethylphenol	105-67-9	30.3	41.8	<41.8	ug/kg dry	
Benzoic Acid	65-85-0	25.1	41.8	104	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	20.9	41.8	<41.8	ug/kg dry	
2,4-Dichlorophenol	120-83-2	14.6	41.8	<41.8	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	20.9	41.8	<41.8	ug/kg dry	
Naphthalene	91-20-3	16.7	41.8	<41.8	ug/kg dry	
4-Chloroaniline	106-47-8	14.6	41.8	<41.8	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.3	41.8	<41.8	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	32.4	41.8	<41.8	ug/kg dry	
2-Methylnaphthalene	91-57-6	22.0	41.8	<41.8	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	18.8	41.8	<41.8	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	18.8	41.8	<41.8	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	26.1	41.8	<41.8	ug/kg dry	
2-Chloronaphthalene	91-58-7	14.6	41.8	<41.8	ug/kg dry	
2-Nitroaniline	88-74-4	35.5	41.8	<41.8	ug/kg dry	
Dimethyl phthalate	131-11-3	17.8	41.8	<41.8	ug/kg dry	
Acenaphthylene	208-96-8	23.0	41.8	<41.8	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	22.0	41.8	<41.8	ug/kg dry	
3-Nitroaniline	99-09-2	33.5	41.8	<41.8	ug/kg dry	
Acenaphthene	83-32-9	24.0	41.8	<41.8	ug/kg dry	
2,4-Dinitrophenol	51-28-5	14.6	141	<141	ug/kg dry	4.J
Dibenzofuran	132-64-9	19.9	41.8	<41.8	ug/kg dry	
4-Nitrophenol	100-02-7	16.7	141	<141	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	14.6	41.8	<41.8	ug/kg dry	
Fluorene	86-73-7	23.0	41.8	<41.8	ug/kg dry	
Diethyl phthalate	84-66-2	20.9	41.8	<41.8	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	19.9	41.8	<41.8	ug/kg dry	
4-Nitroaniline	100-01-6	20.9	41.8	<41.8	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	18.8	141	<141	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	18.8	41.8	<41.8	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	18.8	41.8	<41.8	ug/kg dry	
Hexachlorobenzene	118-74-1	20.9	41.8	<41.8	ug/kg dry	
Pentachlorophenol	87-86-5	17.8	41.8	<41.8	ug/kg dry	
Phenanthrene	85-01-8	23.0	41.8	291	ug/kg dry	
Anthracene	120-12-7	18.8	41.8	83.6	ug/kg dry	
Carbazole	86-74-8	17.8	41.8	<41.8	ug/kg dry	
Di-n-butyl phthalate	84-74-2	23.0	41.8	<41.8	ug/kg dry	
Parathion (ethyl)	56-38-2	54.4	62.7	<62.7	ug/kg dry	
Fluoranthene	206-44-0	20.9	41.8	387	ug/kg dry	
Pyrene	129-00-0	22.0	41.8	321	ug/kg dry	
Butyl benzyl phthalate	85-68-7	19.9	41.8	<41.8	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	25.1	41.8	193	ug/kg dry	
Chrysene	218-01-9	22.0	41.8	194	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	14.6	41.8	<41.8	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	22.0	41.8	80.8	ug/kg dry	
Di-n-octyl phthalate	117-84-0	14.6	41.8	<41.8	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	18.8	41.8	238	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	24.0	41.8	95.5	ug/kg dry	
Benzo(a)pyrene	50-32-8	22.0	41.8	180	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.2	41.8	158	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.2	41.8	50.2	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	24.0	41.8	135	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	54	25-121	
Phenol-d6	13127-88-3	59	24-113	
Nitrobenzene-d5	4165-60-0	60	23-120	
2-Fluorobiphenyl	321-60-8	58	30-115	
2,4,6-Tribromophenol	118-79-6	61	19-122	
Terphenyl-d14	1718-51-0	61	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	109	50-200	
Naphthalene-d8	1146-65-2	111	50-200	
Acenaphthene-d10	15067-26-2	112	50-200	
Phenanthrene-d10	1517-22-2	108	50-200	
Chrysene-d12	1719-03-5	106	50-200	
Perylene-d12	1520-96-3	100	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.254	5.23	<5.23	ug/kg dry	
gamma-BHC	58-89-9	0.259	5.23	<5.23	ug/kg dry	
beta-BHC	319-85-7	0.438	5.23	<5.23	ug/kg dry	
delta-BHC	319-86-8	0.317	5.23	<5.23	ug/kg dry	
Heptachlor	76-44-8	0.287	5.23	<5.23	ug/kg dry	
Aldrin	309-00-2	0.401	5.23	<5.23	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.464	5.23	<5.23	ug/kg dry	
trans-Chlordane	5103-74-2	0.662	5.23	<5.23	ug/kg dry	
cis-Chlordane	5103-71-9	0.442	5.23	<5.23	ug/kg dry	
4,4'-DDE	72-55-9	0.268	3.14	3.32	ug/kg dry	
Endosulfan I	959-98-8	0.505	5.23	<5.23	ug/kg dry	
Dieldrin	60-57-1	0.417	5.23	<5.23	ug/kg dry	
Endrin	72-20-8	0.479	5.23	<5.23	ug/kg dry	
4,4'-DDD	72-54-8	0.476	3.14	9.83	ug/kg dry	
Endosulfan II	33213-65-9	0.890	5.23	<5.23	ug/kg dry	
4,4'-DDT	50-29-3	0.691	3.14	7.07	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.736	5.23	<5.23	ug/kg dry	
Methoxychlor	72-43-5	1.15	5.23	<5.23	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.23	5.23	<5.23	ug/kg dry	
Endrin Ketone	53494-70-5	1.05	5.23	<5.23	ug/kg dry	
Toxaphene	8001-35-2	7.19	105	<105	ug/kg dry	
Chlordane	12789-03-6	1.42	15.7	<15.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	109	70-130	
Decachlorobiphenyl	2051-24-3	85	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	99	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.25	52.3	<52.3	ug/kg dry	
Aroclor-1260	11096-82-5	3.82	52.3	<52.3	ug/kg dry	
Aroclor-1221	11104-28-2	4.18	52.3	<52.3	ug/kg dry	
Aroclor-1232	11141-16-5	4.18	52.3	<52.3	ug/kg dry	
Aroclor-1242	53469-21-9	4.18	52.3	<52.3	ug/kg dry	
Aroclor-1248	12672-29-6	4.18	52.3	<52.3	ug/kg dry	
Aroclor-1254	11097-69-1	4.18	52.3	<52.3	ug/kg dry	
Aroclor-1262	37324-23-5	4.18	52.3	<52.3	ug/kg dry	
Aroclor-1268	11100-14-4	4.18	52.3	<52.3	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	100	70-130	
Decachlorobiphenyl	2051-24-3	84	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	98	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A SE 15-20'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-02 % Solid:95.66
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.57	10.0	2820	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.61	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.16	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.28	1.48	29.8	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.16	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.15	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.463	10.0	4960	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.15	1.67	6.88	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.144	1.67	3.45	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.13	1.67	8.21	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	2.91	22.1	9600	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.14	1.67	22.8	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.576	5.00	1750	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.20	1.67	155	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.17	1.67	6.52	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.41	10.0	469	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.50	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.12	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.732	4.43	157	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.01	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.17	1.67	8.98	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.38	1.67	28.5	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.20	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.10	<0.10	mg/kg dry	4.G

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03	% Solid:88.18
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.619	5.67	<5.67	ug/kg dry	2.T, 4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.661	5.67	<5.67	ug/kg dry	2.B, 2.T, 5.L
Chloromethane	74-87-3	0.725	5.67	<5.67	ug/kg dry	2.T, 5.L
Vinyl chloride	75-01-4	0.431	5.67	<5.67	ug/kg dry	2.T, 5.L
Bromomethane	74-83-9	1.88	5.67	<5.67	ug/kg dry	2.T, 5.L
Chloroethane	75-00-3	0.387	5.67	<5.67	ug/kg dry	2.T, 5.L
Trichlorofluoromethane	75-69-4	0.587	5.67	<5.67	ug/kg dry	2.T, 5.L
Acetone	67-64-1	6.60	56.7	<56.7	ug/kg dry	2.T, 5.L
1,1-Dichloroethylene	75-35-4	0.502	5.67	<5.67	ug/kg dry	2.T, 5.L
tert-Butyl alcohol	75-65-0	1.96	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.484	5.67	<5.67	ug/kg dry	2.T, 5.L
Acrylonitrile	107-13-1	0.721	5.67	<5.67	ug/kg dry	2.T, 5.L
Methylene Chloride	75-09-2	1.27	5.67	<5.67	ug/kg dry	2.T, 5.L
Carbon disulfide	75-15-0	0.401	5.67	<5.67	ug/kg dry	2.T, 5.L
Methyl-tert-Butyl Ether	1634-04-4	0.435	5.67	<5.67	ug/kg dry	2.T, 5.L
trans-1,2-Dichloroethylene	156-60-5	0.524	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1-Dichloroethane	75-34-3	0.620	5.67	<5.67	ug/kg dry	2.T, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.70	11.3	<11.3	ug/kg dry	2.T, 5.L
cis-1,2-Dichloroethylene	156-59-2	0.482	5.67	<5.67	ug/kg dry	2.T, 5.L
2,2-Dichloropropane	594-20-7	0.358	5.67	<5.67	ug/kg dry	2.T, 5.L
Bromochloromethane	74-97-5	0.671	5.67	<5.67	ug/kg dry	2.T, 5.L
Chloroform	67-66-3	0.602	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1,1-Trichloroethane	71-55-6	0.418	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2-Dichloroethane	107-06-2	0.553	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1-Dichloropropylene	563-58-6	0.535	5.67	<5.67	ug/kg dry	2.T, 5.L
Carbon Tetrachloride	56-23-5	0.543	5.67	<5.67	ug/kg dry	2.T, 5.L
Benzene	71-43-2	0.409	5.67	<5.67	ug/kg dry	2.T, 5.L
Trichloroethylene	79-01-6	0.619	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2-Dichloropropane	78-87-5	0.589	5.67	<5.67	ug/kg dry	2.T, 5.L
Dibromomethane	74-95-3	0.462	5.67	<5.67	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	26.1	56.7	<56.7	ug/kg dry	2.T, 5.L
Bromodichloromethane	75-27-4	0.488	5.67	<5.67	ug/kg dry	2.T, 5.L
4-Methyl-2-Pentanone	108-10-1	0.650	11.3	<11.3	ug/kg dry	2.T, 5.L
cis-1,3-Dichloropropylene	10061-01-5	0.486	5.67	<5.67	ug/kg dry	2.T, 5.L
Toluene	108-88-3	0.443	5.67	<5.67	ug/kg dry	2.T, 5.L
trans-1,3-Dichloropropylene	10061-02-6	0.379	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1,2-Trichloroethane	79-00-5	0.523	5.67	<5.67	ug/kg dry	2.T, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.793	5.67	<5.67	ug/kg dry	2.T, 5.L
1,3-Dichloropropane	142-28-9	0.416	5.67	<5.67	ug/kg dry	2.T, 5.L
Dibromochloromethane	124-48-1	0.371	5.67	<5.67	ug/kg dry	2.T, 5.L
Tetrachloroethylene	127-18-4	0.533	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2-Dibromoethane	106-93-4	0.481	5.67	<5.67	ug/kg dry	2.T, 5.L
Chlorobenzene	108-90-7	0.482	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.761	5.67	<5.67	ug/kg dry	5.L, 2.T
Ethylbenzene	100-41-4	0.408	5.67	<5.67	ug/kg dry	2.T, 5.L
m,p-Xylenes	108-38-3/106-42-3	0.625	11.3	<11.3	ug/kg dry	2.T, 5.L
Styrene	100-42-5	0.290	5.67	<5.67	ug/kg dry	2.T, 5.L
o-Xylene	95-47-6	0.285	5.67	<5.67	ug/kg dry	2.T, 5.L
Bromoform	75-25-2	0.407	5.67	<5.67	ug/kg dry	2.T, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.399	5.67	<5.67	ug/kg dry	2.T, 5.L
Isopropylbenzene (Cumene)	98-82-8	0.285	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2,3-Trichloropropane	96-18-4	0.627	5.67	<5.67	ug/kg dry	2.T, 5.L
Bromobenzene	108-86-1	0.376	5.67	<5.67	ug/kg dry	2.T, 5.L
n-Propylbenzene	103-65-1	0.395	5.67	<5.67	ug/kg dry	2.T, 5.L
2-Chlorotoluene	95-49-8	0.439	5.67	<5.67	ug/kg dry	2.T, 5.L
4-Ethyltoluene	622-96-8	0.415	5.67	<5.67	ug/kg dry	2.B, 2.T, 5.L
4-Chlorotoluene	106-43-4	0.347	5.67	<5.67	ug/kg dry	2.T, 5.L
1,3,5-Trimethylbenzene	108-67-8	0.361	5.67	<5.67	ug/kg dry	2.T, 5.L
tert-Butylbenzene	98-06-6	0.515	5.67	<5.67	ug/kg dry	2.T, 5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.396	5.67	<5.67	ug/kg dry	2.T, 5.L
sec-Butylbenzene	135-98-8	0.353	5.67	<5.67	ug/kg dry	2.T, 5.L
1,3-Dichlorobenzene	541-73-1	0.322	5.67	<5.67	ug/kg dry	2.T, 5.L
4-Isopropyltoluene	99-87-6	0.448	5.67	<5.67	ug/kg dry	5.L, 2.T
1,4-Dichlorobenzene	106-46-7	0.462	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2-Dichlorobenzene	95-50-1	0.490	5.67	<5.67	ug/kg dry	2.T, 5.L
1,4-Diethylbenzene	105-05-5	0.290	5.67	<5.67	ug/kg dry	2.B, 2.T, 5.L
n-Butylbenzene	104-51-8	0.342	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.697	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.297	5.67	<5.67	ug/kg dry	2.B, 2.T, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.349	5.67	<5.67	ug/kg dry	2.T, 5.L
Naphthalene	91-20-3	0.669	5.67	<5.67	ug/kg dry	2.T, 5.L
Hexachlorobutadiene	87-68-3	0.329	5.67	<5.67	ug/kg dry	2.T, 5.L
1,2,3-Trichlorobenzene	87-61-6	0.633	5.67	<5.67	ug/kg dry	2.T, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	88	70-130	
1,2-Dichloroethane-d4	10706-07-0	86	70-130	
Toluene-d8	2037-26-5	99	70-130	
4-Bromofluorobenzene	460-00-4	100	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	89	50-200	
1,4-Difluorobenzene	540-36-3	94	50-200	
Chlorobenzene-d5	3114-55-4	99	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	69	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	19.3	153	<153	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	31.8	45.4	<45.4	ug/kg dry	
Phenol	108-95-2	18.1	45.4	<45.4	ug/kg dry	
Aniline	62-53-3	15.9	45.4	<45.4	ug/kg dry	4.J
2-Chlorophenol	95-57-8	20.4	45.4	<45.4	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	29.5	45.4	<45.4	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	18.1	45.4	<45.4	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	21.5	45.4	<45.4	ug/kg dry	
Benzyl alcohol	100-51-6	17.0	45.4	<45.4	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	18.1	45.4	<45.4	ug/kg dry	
2-Methylphenol	95-48-7	26.1	45.4	<45.4	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	28.3	45.4	<45.4	ug/kg dry	
Hexachloroethane	67-72-1	22.7	45.4	<45.4	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	20.4	45.4	<45.4	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	17.0	45.4	<45.4	ug/kg dry	
Nitrobenzene	98-95-3	20.4	45.4	<45.4	ug/kg dry	
Isophorone	78-59-1	15.9	45.4	<45.4	ug/kg dry	
2-Nitrophenol	88-75-5	31.8	45.4	<45.4	ug/kg dry	
2,4-Dimethylphenol	105-67-9	32.9	45.4	<45.4	ug/kg dry	
Benzoic Acid	65-85-0	27.2	45.4	156	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	22.7	45.4	<45.4	ug/kg dry	
2,4-Dichlorophenol	120-83-2	15.9	45.4	<45.4	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	22.7	45.4	<45.4	ug/kg dry	
Naphthalene	91-20-3	18.1	45.4	<45.4	ug/kg dry	
4-Chloroaniline	106-47-8	15.9	45.4	<45.4	ug/kg dry	
Hexachlorobutadiene	87-68-3	31.8	45.4	<45.4	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	35.2	45.4	<45.4	ug/kg dry	
2-Methylnaphthalene	91-57-6	23.8	45.4	64.3	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	20.4	45.4	<45.4	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	20.4	45.4	<45.4	ug/kg dry	



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	28.3	45.4	<45.4	ug/kg dry	
2-Chloronaphthalene	91-58-7	15.9	45.4	<45.4	ug/kg dry	
2-Nitroaniline	88-74-4	38.6	45.4	<45.4	ug/kg dry	
Dimethyl phthalate	131-11-3	19.3	45.4	<45.4	ug/kg dry	
Acenaphthylene	208-96-8	24.9	45.4	<45.4	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	23.8	45.4	<45.4	ug/kg dry	
3-Nitroaniline	99-09-2	36.3	45.4	<45.4	ug/kg dry	
Acenaphthene	83-32-9	26.1	45.4	<45.4	ug/kg dry	
2,4-Dinitrophenol	51-28-5	15.9	153	<153	ug/kg dry	4.J
Dibenzofuran	132-64-9	21.5	45.4	<45.4	ug/kg dry	
4-Nitrophenol	100-02-7	18.1	153	<153	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	15.9	45.4	<45.4	ug/kg dry	
Fluorene	86-73-7	24.9	45.4	<45.4	ug/kg dry	
Diethyl phthalate	84-66-2	22.7	45.4	<45.4	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	21.5	45.4	<45.4	ug/kg dry	
4-Nitroaniline	100-01-6	22.7	45.4	<45.4	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	20.4	153	<153	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	20.4	45.4	<45.4	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	20.4	45.4	<45.4	ug/kg dry	
Hexachlorobenzene	118-74-1	22.7	45.4	<45.4	ug/kg dry	
Pentachlorophenol	87-86-5	19.3	45.4	<45.4	ug/kg dry	
Phenanthrene	85-01-8	24.9	45.4	110	ug/kg dry	
Anthracene	120-12-7	20.4	45.4	<45.4	ug/kg dry	
Carbazole	86-74-8	19.3	45.4	<45.4	ug/kg dry	
Di-n-butyl phthalate	84-74-2	24.9	45.4	71.1	ug/kg dry	
Parathion (ethyl)	56-38-2	59.0	68.0	<68.0	ug/kg dry	
Fluoranthene	206-44-0	22.7	45.4	224	ug/kg dry	
Pyrene	129-00-0	23.8	45.4	219	ug/kg dry	
Butyl benzyl phthalate	85-68-7	21.5	45.4	<45.4	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	27.2	45.4	147	ug/kg dry	
Chrysene	218-01-9	23.8	45.4	179	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	15.9	45.4	<45.4	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	23.8	45.4	185	ug/kg dry	
Di-n-octyl phthalate	117-84-0	15.9	45.4	<45.4	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	20.4	45.4	212	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	26.1	45.4	99.8	ug/kg dry	
Benzo(a)pyrene	50-32-8	23.8	45.4	171	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	30.6	45.4	191	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	29.5	45.4	58.2	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	26.1	45.4	174	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	61	25-121	
Phenol-d6	13127-88-3	67	24-113	
Nitrobenzene-d5	4165-60-0	68	23-120	
2-Fluorobiphenyl	321-60-8	63	30-115	
2,4,6-Tribromophenol	118-79-6	74	19-122	
Terphenyl-d14	1718-51-0	66	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	102	50-200	
Naphthalene-d8	1146-65-2	106	50-200	
Acenaphthene-d10	15067-26-2	104	50-200	
Phenanthrene-d10	1517-22-2	100	50-200	
Chrysene-d12	1719-03-5	100	50-200	
Perylene-d12	1520-96-3	94	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.276	5.67	<5.67	ug/kg dry	
gamma-BHC	58-89-9	0.281	5.67	<5.67	ug/kg dry	
beta-BHC	319-85-7	0.475	5.67	<5.67	ug/kg dry	
delta-BHC	319-86-8	0.344	5.67	<5.67	ug/kg dry	
Heptachlor	76-44-8	0.312	5.67	<5.67	ug/kg dry	
Aldrin	309-00-2	0.435	5.67	<5.67	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.503	5.67	<5.67	ug/kg dry	
trans-Chlordane	5103-74-2	0.718	5.67	286	ug/kg dry	
cis-Chlordane	5103-71-9	0.480	5.67	265	ug/kg dry	
4,4'-DDE	72-55-9	0.290	3.40	40.1	ug/kg dry	
Endosulfan I	959-98-8	0.548	5.67	<5.67	ug/kg dry	
Dieldrin	60-57-1	0.452	5.67	<5.67	ug/kg dry	
Endrin	72-20-8	0.519	5.67	<5.67	ug/kg dry	
4,4'-DDD	72-54-8	0.516	3.40	30.2	ug/kg dry	
Endosulfan II	33213-65-9	0.965	5.67	<5.67	ug/kg dry	
4,4'-DDT	50-29-3	0.750	3.40	65.5	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.798	5.67	<5.67	ug/kg dry	
Methoxychlor	72-43-5	1.24	5.67	<5.67	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.33	5.67	<5.67	ug/kg dry	
Endrin Ketone	53494-70-5	1.14	5.67	<5.67	ug/kg dry	
Toxaphene	8001-35-2	7.80	113	<113	ug/kg dry	
Chlordane	12789-03-6	3.08	34.0	2120	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	115	70-130	
Decachlorobiphenyl	2051-24-3	92	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	100	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.78	56.7	<56.7	ug/kg dry	
Aroclor-1260	11096-82-5	4.15	56.7	<56.7	ug/kg dry	
Aroclor-1221	11104-28-2	4.54	56.7	<56.7	ug/kg dry	
Aroclor-1232	11141-16-5	4.54	56.7	<56.7	ug/kg dry	
Aroclor-1242	53469-21-9	4.54	56.7	<56.7	ug/kg dry	
Aroclor-1248	12672-29-6	4.54	56.7	<56.7	ug/kg dry	
Aroclor-1254	11097-69-1	4.54	56.7	<56.7	ug/kg dry	
Aroclor-1262	37324-23-5	4.54	56.7	<56.7	ug/kg dry	
Aroclor-1268	11100-14-4	4.54	56.7	<56.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	103	70-130	
Decachlorobiphenyl	2051-24-3	84	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	95	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:00	Sample ID: Site A Basement 10-12'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-03 % Solid:88.18
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.62	10.0	6300	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.66	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.17	1.67	3.05	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.30	1.60	243	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.17	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.17	1.65	1.85	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	2.51	48.1	11000	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.16	1.67	18.2	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.157	1.67	4.37	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.14	1.67	56.3	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.16	24.0	11300	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.78	8.02	920	mg/kg dry	3.E
Magnesium	02/26/2014	EPA 6010 C	0.625	5.00	2910	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.22	1.67	199	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.18	1.67	9.69	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.53	10.0	935	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.54	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.794	4.81	382	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.10	1.67	1.98	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.19	1.67	13.7	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	2.08	8.02	383	mg/kg dry	3.E

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	2.20	mg/kg dry	3.E

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	0.26	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04	% Solid:91.30
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.598	5.48	<5.48	ug/kg dry	4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.639	5.48	<5.48	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.700	5.48	<5.48	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.416	5.48	<5.48	ug/kg dry	5.L
Bromomethane	74-83-9	1.82	5.48	<5.48	ug/kg dry	5.L
Chloroethane	75-00-3	0.373	5.48	<5.48	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.567	5.48	<5.48	ug/kg dry	5.L
Acetone	67-64-1	6.38	54.8	<54.8	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.485	5.48	<5.48	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.89	5.48	<5.48	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.468	5.48	<5.48	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.697	5.48	<5.48	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.23	5.48	<5.48	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.388	5.48	<5.48	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.421	5.48	<5.48	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.506	5.48	<5.48	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.599	5.48	<5.48	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.65	11.0	<11.0	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.465	5.48	<5.48	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.346	5.48	<5.48	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.648	5.48	<5.48	ug/kg dry	5.L
Chloroform	67-66-3	0.582	5.48	<5.48	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.404	5.48	<5.48	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.534	5.48	<5.48	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.517	5.48	<5.48	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.525	5.48	<5.48	ug/kg dry	5.L
Benzene	71-43-2	0.395	5.48	<5.48	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.598	5.48	<5.48	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.568	5.48	<5.48	ug/kg dry	5.L
Dibromomethane	74-95-3	0.446	5.48	<5.48	ug/kg dry	5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	25.2	54.8	<54.8	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.471	5.48	<5.48	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.628	11.0	<11.0	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.470	5.48	<5.48	ug/kg dry	5.L
Toluene	108-88-3	0.428	5.48	<5.48	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.366	5.48	<5.48	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.505	5.48	<5.48	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.766	5.48	<5.48	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.402	5.48	<5.48	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.358	5.48	<5.48	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.515	5.48	<5.48	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.464	5.48	<5.48	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.465	5.48	<5.48	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.735	5.48	<5.48	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.394	5.48	<5.48	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.603	11.0	<11.0	ug/kg dry	5.L
Styrene	100-42-5	0.280	5.48	<5.48	ug/kg dry	5.L
o-Xylene	95-47-6	0.275	5.48	<5.48	ug/kg dry	5.L
Bromoform	75-25-2	0.393	5.48	<5.48	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.386	5.48	<5.48	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.275	5.48	<5.48	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.606	5.48	<5.48	ug/kg dry	5.L
Bromobenzene	108-86-1	0.364	5.48	<5.48	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.381	5.48	<5.48	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.424	5.48	<5.48	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.401	5.48	<5.48	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.335	5.48	<5.48	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.348	5.48	<5.48	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.497	5.48	<5.48	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.382	5.48	<5.48	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.341	5.48	<5.48	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.311	5.48	<5.48	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.433	5.48	<5.48	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.446	5.48	<5.48	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.473	5.48	<5.48	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.280	5.48	<5.48	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.331	5.48	<5.48	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.674	5.48	<5.48	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.287	5.48	<5.48	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.337	5.48	<5.48	ug/kg dry	5.L
Naphthalene	91-20-3	0.646	5.48	<5.48	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.318	5.48	<5.48	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.611	5.48	<5.48	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	95	70-130	
1,2-Dichloroethane-d4	10706-07-0	86	70-130	
Toluene-d8	2037-26-5	94	70-130	
4-Bromofluorobenzene	460-00-4	100	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	110	50-200	
1,4-Difluorobenzene	540-36-3	121	50-200	
Chlorobenzene-d5	3114-55-4	118	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	98	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	18.6	148	<148	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	30.7	43.8	<43.8	ug/kg dry	
Phenol	108-95-2	17.5	43.8	<43.8	ug/kg dry	
Aniline	62-53-3	15.3	43.8	<43.8	ug/kg dry	4.J
2-Chlorophenol	95-57-8	19.7	43.8	<43.8	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	28.5	43.8	<43.8	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	17.5	43.8	<43.8	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	20.8	43.8	<43.8	ug/kg dry	
Benzyl alcohol	100-51-6	16.4	43.8	<43.8	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	17.5	43.8	<43.8	ug/kg dry	
2-Methylphenol	95-48-7	25.2	43.8	<43.8	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	27.4	43.8	<43.8	ug/kg dry	
Hexachloroethane	67-72-1	21.9	43.8	<43.8	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	19.7	43.8	<43.8	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	16.4	43.8	<43.8	ug/kg dry	
Nitrobenzene	98-95-3	19.7	43.8	<43.8	ug/kg dry	
Isophorone	78-59-1	15.3	43.8	<43.8	ug/kg dry	
2-Nitrophenol	88-75-5	30.7	43.8	<43.8	ug/kg dry	
2,4-Dimethylphenol	105-67-9	31.8	43.8	<43.8	ug/kg dry	
Benzoic Acid	65-85-0	26.3	43.8	64.3	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	21.9	43.8	<43.8	ug/kg dry	
2,4-Dichlorophenol	120-83-2	15.3	43.8	<43.8	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	21.9	43.8	<43.8	ug/kg dry	
Naphthalene	91-20-3	17.5	43.8	<43.8	ug/kg dry	
4-Chloroaniline	106-47-8	15.3	43.8	<43.8	ug/kg dry	
Hexachlorobutadiene	87-68-3	30.7	43.8	<43.8	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	34.0	43.8	<43.8	ug/kg dry	
2-Methylnaphthalene	91-57-6	23.0	43.8	<43.8	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	19.7	43.8	<43.8	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	19.7	43.8	<43.8	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	27.4	43.8	<43.8	ug/kg dry	
2-Chloronaphthalene	91-58-7	15.3	43.8	<43.8	ug/kg dry	
2-Nitroaniline	88-74-4	37.2	43.8	<43.8	ug/kg dry	
Dimethyl phthalate	131-11-3	18.6	43.8	<43.8	ug/kg dry	
Acenaphthylene	208-96-8	24.1	43.8	<43.8	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	23.0	43.8	<43.8	ug/kg dry	
3-Nitroaniline	99-09-2	35.0	43.8	<43.8	ug/kg dry	
Acenaphthene	83-32-9	25.2	43.8	<43.8	ug/kg dry	
2,4-Dinitrophenol	51-28-5	15.3	148	<148	ug/kg dry	4.J
Dibenzofuran	132-64-9	20.8	43.8	<43.8	ug/kg dry	
4-Nitrophenol	100-02-7	17.5	148	<148	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	15.3	43.8	<43.8	ug/kg dry	
Fluorene	86-73-7	24.1	43.8	<43.8	ug/kg dry	
Diethyl phthalate	84-66-2	21.9	43.8	<43.8	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	20.8	43.8	<43.8	ug/kg dry	
4-Nitroaniline	100-01-6	21.9	43.8	<43.8	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	19.7	148	<148	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	19.7	43.8	<43.8	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	19.7	43.8	<43.8	ug/kg dry	
Hexachlorobenzene	118-74-1	21.9	43.8	<43.8	ug/kg dry	
Pentachlorophenol	87-86-5	18.6	43.8	<43.8	ug/kg dry	
Phenanthrene	85-01-8	24.1	43.8	<43.8	ug/kg dry	
Anthracene	120-12-7	19.7	43.8	<43.8	ug/kg dry	
Carbazole	86-74-8	18.6	43.8	<43.8	ug/kg dry	
Di-n-butyl phthalate	84-74-2	24.1	43.8	<43.8	ug/kg dry	
Parathion (ethyl)	56-38-2	57.0	65.7	<65.7	ug/kg dry	
Fluoranthene	206-44-0	21.9	43.8	<43.8	ug/kg dry	
Pyrene	129-00-0	23.0	43.8	<43.8	ug/kg dry	
Butyl benzyl phthalate	85-68-7	20.8	43.8	<43.8	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	26.3	43.8	<43.8	ug/kg dry	
Chrysene	218-01-9	23.0	43.8	<43.8	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	15.3	43.8	<43.8	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	23.0	43.8	52.6	ug/kg dry	
Di-n-octyl phthalate	117-84-0	15.3	43.8	<43.8	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	19.7	43.8	<43.8	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	25.2	43.8	<43.8	ug/kg dry	
Benzo(a)pyrene	50-32-8	23.0	43.8	<43.8	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	29.6	43.8	54.0	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	28.5	43.8	47.5	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	25.2	43.8	62.1	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	61	25-121	
Phenol-d6	13127-88-3	67	24-113	
Nitrobenzene-d5	4165-60-0	68	23-120	
2-Fluorobiphenyl	321-60-8	66	30-115	
2,4,6-Tribromophenol	118-79-6	67	19-122	
Terphenyl-d14	1718-51-0	71	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	104	50-200	
Naphthalene-d8	1146-65-2	105	50-200	
Acenaphthene-d10	15067-26-2	105	50-200	
Phenanthrene-d10	1517-22-2	104	50-200	
Chrysene-d12	1719-03-5	107	50-200	
Perylene-d12	1520-96-3	100	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.266	5.48	<5.48	ug/kg dry	
gamma-BHC	58-89-9	0.272	5.48	<5.48	ug/kg dry	
beta-BHC	319-85-7	0.459	5.48	<5.48	ug/kg dry	
delta-BHC	319-86-8	0.332	5.48	<5.48	ug/kg dry	
Heptachlor	76-44-8	0.301	5.48	<5.48	ug/kg dry	
Aldrin	309-00-2	0.421	5.48	<5.48	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.486	5.48	<5.48	ug/kg dry	
trans-Chlordane	5103-74-2	0.693	5.48	8.46	ug/kg dry	
cis-Chlordane	5103-71-9	0.463	5.48	7.91	ug/kg dry	
4,4'-DDE	72-55-9	0.280	3.29	<3.29	ug/kg dry	
Endosulfan I	959-98-8	0.529	5.48	<5.48	ug/kg dry	
Dieldrin	60-57-1	0.437	5.48	<5.48	ug/kg dry	
Endrin	72-20-8	0.502	5.48	<5.48	ug/kg dry	
4,4'-DDD	72-54-8	0.498	3.29	<3.29	ug/kg dry	
Endosulfan II	33213-65-9	0.932	5.48	<5.48	ug/kg dry	
4,4'-DDT	50-29-3	0.724	3.29	<3.29	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.771	5.48	<5.48	ug/kg dry	
Methoxychlor	72-43-5	1.20	5.48	<5.48	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.28	5.48	<5.48	ug/kg dry	
Endrin Ketone	53494-70-5	1.11	5.48	<5.48	ug/kg dry	
Toxaphene	8001-35-2	7.54	110	<110	ug/kg dry	
Chlordane	12789-03-6	1.49	16.4	74.1	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	110	70-130	
Decachlorobiphenyl	2051-24-3	89	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	99	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.55	54.8	<54.8	ug/kg dry	
Aroclor-1260	11096-82-5	4.01	54.8	<54.8	ug/kg dry	
Aroclor-1221	11104-28-2	4.38	54.8	<54.8	ug/kg dry	
Aroclor-1232	11141-16-5	4.38	54.8	<54.8	ug/kg dry	
Aroclor-1242	53469-21-9	4.38	54.8	<54.8	ug/kg dry	
Aroclor-1248	12672-29-6	4.38	54.8	<54.8	ug/kg dry	
Aroclor-1254	11097-69-1	4.38	54.8	<54.8	ug/kg dry	
Aroclor-1262	37324-23-5	4.38	54.8	<54.8	ug/kg dry	
Aroclor-1268	11100-14-4	4.38	54.8	<54.8	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	96	70-130	
Decachlorobiphenyl	2051-24-3	77	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	102	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 11:30	Sample ID: Site A Basement 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-04 % Solid:91.30
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.65	10.2	4910	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.70	1.70	<1.70	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.18	1.70	<1.70	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.32	1.70	40.3	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.18	1.70	<1.70	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.18	1.68	<1.68	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.533	10.2	2040	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.17	1.70	14.9	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.166	1.70	5.94	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.15	1.70	12.5	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.36	25.5	14200	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.17	1.70	20.0	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.663	5.10	2560	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.23	1.70	286	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.19	1.70	11.8	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.63	10.2	1280	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.58	1.70	<1.70	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.14	1.70	<1.70	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.843	5.10	147	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.17	1.70	2.13	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.20	1.70	20.7	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.44	1.70	39.5	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.17	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05	% Solid:88.60
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.616	5.64	<5.64	ug/kg dry	4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.658	5.64	<5.64	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.721	5.64	<5.64	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.429	5.64	<5.64	ug/kg dry	5.L
Bromomethane	74-83-9	1.87	5.64	<5.64	ug/kg dry	5.L
Chloroethane	75-00-3	0.385	5.64	<5.64	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.585	5.64	<5.64	ug/kg dry	5.L
Acetone	67-64-1	6.57	56.4	<56.4	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.500	5.64	<5.64	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.95	5.64	<5.64	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.482	5.64	<5.64	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.718	5.64	<5.64	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.27	5.64	<5.64	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.400	5.64	<5.64	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.433	5.64	<5.64	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.521	5.64	<5.64	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.617	5.64	<5.64	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.70	11.3	<11.3	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.480	5.64	<5.64	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.357	5.64	<5.64	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.668	5.64	<5.64	ug/kg dry	5.L
Chloroform	67-66-3	0.599	5.64	<5.64	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.416	5.64	<5.64	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.551	5.64	<5.64	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.533	5.64	<5.64	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.541	5.64	<5.64	ug/kg dry	5.L
Benzene	71-43-2	0.407	5.64	<5.64	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.616	5.64	<5.64	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.586	5.64	<5.64	ug/kg dry	5.L
Dibromomethane	74-95-3	0.459	5.64	<5.64	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05 % Solid:88.60
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	26.0	56.4	<56.4	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.485	5.64	<5.64	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.647	11.3	<11.3	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.484	5.64	<5.64	ug/kg dry	5.L
Toluene	108-88-3	0.441	5.64	<5.64	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.377	5.64	<5.64	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.520	5.64	<5.64	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.789	5.64	<5.64	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.414	5.64	<5.64	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.369	5.64	<5.64	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.530	5.64	<5.64	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.479	5.64	<5.64	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.480	5.64	<5.64	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.757	5.64	<5.64	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.406	5.64	<5.64	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.622	11.3	<11.3	ug/kg dry	5.L
Styrene	100-42-5	0.289	5.64	<5.64	ug/kg dry	5.L
o-Xylene	95-47-6	0.283	5.64	<5.64	ug/kg dry	5.L
Bromoform	75-25-2	0.405	5.64	<5.64	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.397	5.64	<5.64	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.283	5.64	<5.64	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.624	5.64	<5.64	ug/kg dry	5.L
Bromobenzene	108-86-1	0.375	5.64	<5.64	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.393	5.64	<5.64	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.437	5.64	<5.64	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.413	5.64	<5.64	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.345	5.64	<5.64	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.359	5.64	<5.64	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.512	5.64	<5.64	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05	% Solid:88.60
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.394	5.64	<5.64	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.351	5.64	<5.64	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.321	5.64	<5.64	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.446	5.64	<5.64	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.459	5.64	<5.64	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.488	5.64	<5.64	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.289	5.64	<5.64	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.341	5.64	<5.64	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.694	5.64	<5.64	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.296	5.64	<5.64	ug/kg dry	5.L, 2.B
1,2,4-Trichlorobenzene	120-82-1	0.348	5.64	<5.64	ug/kg dry	5.L
Naphthalene	91-20-3	0.666	5.64	<5.64	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.327	5.64	<5.64	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.630	5.64	<5.64	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	76	70-130	
1,2-Dichloroethane-d4	10706-07-0	81	70-130	
Toluene-d8	2037-26-5	107	70-130	
4-Bromofluorobenzene	460-00-4	111	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	87	50-200	
1,4-Difluorobenzene	540-36-3	88	50-200	
Chlorobenzene-d5	3114-55-4	96	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	70	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05	% Solid:88.60
Matrix: Soil	ELAP: #11693	

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	95.9	762	<762	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	158	226	<226	ug/kg dry	3.A
Phenol	108-95-2	90.3	226	<226	ug/kg dry	3.A
Aniline	62-53-3	79.0	226	<226	ug/kg dry	3.A, 4.J
2-Chlorophenol	95-57-8	102	226	<226	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	147	226	<226	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	90.3	226	<226	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	107	226	<226	ug/kg dry	3.A
Benzyl alcohol	100-51-6	84.7	226	<226	ug/kg dry	3.A, 4.J
1,2-Dichlorobenzene	95-50-1	90.3	226	<226	ug/kg dry	3.A
2-Methylphenol	95-48-7	130	226	<226	ug/kg dry	3.A
Bis(2-chloroisopropyl)ether	39638-32-9	141	226	<226	ug/kg dry	3.A
Hexachloroethane	67-72-1	113	226	<226	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	102	226	<226	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	84.7	226	<226	ug/kg dry	3.A
Nitrobenzene	98-95-3	102	226	<226	ug/kg dry	3.A
Isophorone	78-59-1	79.0	226	<226	ug/kg dry	3.A
2-Nitrophenol	88-75-5	158	226	<226	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	164	226	<226	ug/kg dry	3.A
Benzoic Acid	65-85-0	135	226	<226	ug/kg dry	3.A, 4.J
bis(2-Chloroethoxy)methane	111-91-1	113	226	<226	ug/kg dry	3.A
2,4-Dichlorophenol	120-83-2	79.0	226	<226	ug/kg dry	3.A
1,2,4-Trichlorobenzene	120-82-1	113	226	<226	ug/kg dry	3.A
Naphthalene	91-20-3	90.3	226	<226	ug/kg dry	3.A
4-Chloroaniline	106-47-8	79.0	226	<226	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	158	226	<226	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	175	226	<226	ug/kg dry	3.A
2-Methylnaphthalene	91-57-6	119	226	<226	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	102	226	<226	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	102	226	<226	ug/kg dry	3.A



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05 % Solid:88.60
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	141	226	<226	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	79.0	226	<226	ug/kg dry	3.A
2-Nitroaniline	88-74-4	192	226	<226	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	95.9	226	<226	ug/kg dry	3.A
Acenaphthylene	208-96-8	124	226	<226	ug/kg dry	3.A
2,6-Dinitrotoluene	606-20-2	119	226	<226	ug/kg dry	3.A
3-Nitroaniline	99-09-2	181	226	<226	ug/kg dry	3.A
Acenaphthene	83-32-9	130	226	<226	ug/kg dry	3.A
2,4-Dinitrophenol	51-28-5	79.0	762	<762	ug/kg dry	3.A, 4.J
Dibenzofuran	132-64-9	107	226	<226	ug/kg dry	3.A
4-Nitrophenol	100-02-7	90.3	762	<762	ug/kg dry	3.A
2,4-Dinitrotoluene	121-14-2	79.0	226	<226	ug/kg dry	3.A
Fluorene	86-73-7	124	226	<226	ug/kg dry	3.A
Diethyl phthalate	84-66-2	113	226	<226	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	107	226	<226	ug/kg dry	3.A
4-Nitroaniline	100-01-6	113	226	<226	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	102	762	<762	ug/kg dry	3.A, 4.J
N-Nitrosodiphenylamine	86-30-6	102	226	<226	ug/kg dry	3.A
4-Bromophenyl phenyl ether	101-55-3	102	226	<226	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	113	226	<226	ug/kg dry	3.A
Pentachlorophenol	87-86-5	95.9	226	<226	ug/kg dry	3.A
Phenanthrene	85-01-8	124	226	<226	ug/kg dry	3.A
Anthracene	120-12-7	102	226	<226	ug/kg dry	3.A
Carbazole	86-74-8	95.9	226	<226	ug/kg dry	3.A
Di-n-butyl phthalate	84-74-2	124	226	<226	ug/kg dry	3.A
Parathion (ethyl)	56-38-2	293	339	<339	ug/kg dry	3.A
Fluoranthene	206-44-0	113	226	<226	ug/kg dry	3.A
Pyrene	129-00-0	119	226	<226	ug/kg dry	3.A
Butyl benzyl phthalate	85-68-7	107	226	<226	ug/kg dry	3.A



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05 % Solid:88.60
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	135	226	<226	ug/kg dry	3.A
Chrysene	218-01-9	119	226	<226	ug/kg dry	3.A
3,3'-Dichlorobenzidine	91-94-1	79.0	226	<226	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	119	226	448	ug/kg dry	3.E
Di-n-octyl phthalate	117-84-0	79.0	226	<226	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	102	226	<226	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	130	226	<226	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	119	226	<226	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	152	226	290	ug/kg dry	3.E
Dibenzo(a,h)anthracene	53-70-3	147	226	252	ug/kg dry	3.E
Benzo(g,h,i)perylene	191-24-2	130	226	327	ug/kg dry	3.E

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	78	25-121	3.E
Phenol-d6	13127-88-3	83	24-113	3.E
Nitrobenzene-d5	4165-60-0	83	23-120	3.E
2-Fluorobiphenyl	321-60-8	80	30-115	3.E
2,4,6-Tribromophenol	118-79-6	92	19-122	3.E
Terphenyl-d14	1718-51-0	82	18-137	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	115	50-200	
Naphthalene-d8	1146-65-2	121	50-200	
Acenaphthene-d10	15067-26-2	119	50-200	
Phenanthrene-d10	1517-22-2	120	50-200	
Chrysene-d12	1719-03-5	118	50-200	
Perylene-d12	1520-96-3	110	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05 % Solid:88.60
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.274	5.64	<5.64	ug/kg dry	
gamma-BHC	58-89-9	0.280	5.64	<5.64	ug/kg dry	
beta-BHC	319-85-7	0.473	5.64	<5.64	ug/kg dry	
delta-BHC	319-86-8	0.342	5.64	<5.64	ug/kg dry	
Heptachlor	76-44-8	0.310	5.64	<5.64	ug/kg dry	
Aldrin	309-00-2	0.433	5.64	<5.64	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.501	5.64	<5.64	ug/kg dry	
trans-Chlordane	5103-74-2	0.714	5.64	<5.64	ug/kg dry	
cis-Chlordane	5103-71-9	0.477	5.64	<5.64	ug/kg dry	
4,4'-DDE	72-55-9	0.289	3.39	<3.39	ug/kg dry	
Endosulfan I	959-98-8	0.545	5.64	<5.64	ug/kg dry	
Dieldrin	60-57-1	0.450	5.64	<5.64	ug/kg dry	
Endrin	72-20-8	0.517	5.64	<5.64	ug/kg dry	
4,4'-DDD	72-54-8	0.514	3.39	<3.39	ug/kg dry	
Endosulfan II	33213-65-9	0.961	5.64	<5.64	ug/kg dry	
4,4'-DDT	50-29-3	0.746	3.39	<3.39	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.795	5.64	<5.64	ug/kg dry	
Methoxychlor	72-43-5	1.24	5.64	<5.64	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.32	5.64	<5.64	ug/kg dry	
Endrin Ketone	53494-70-5	1.14	5.64	<5.64	ug/kg dry	
Toxaphene	8001-35-2	7.77	113	<113	ug/kg dry	
Chlordane	12789-03-6	1.53	16.9	<16.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	104	70-130	
Decachlorobiphenyl	2051-24-3	74	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	104	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05 % Solid:88.60
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.75	56.4	<56.4	ug/kg dry	
Aroclor-1260	11096-82-5	4.13	56.4	<56.4	ug/kg dry	
Aroclor-1221	11104-28-2	4.51	56.4	<56.4	ug/kg dry	
Aroclor-1232	11141-16-5	4.51	56.4	<56.4	ug/kg dry	
Aroclor-1242	53469-21-9	4.51	56.4	<56.4	ug/kg dry	
Aroclor-1248	12672-29-6	4.51	56.4	<56.4	ug/kg dry	
Aroclor-1254	11097-69-1	4.51	56.4	<56.4	ug/kg dry	
Aroclor-1262	37324-23-5	4.51	56.4	<56.4	ug/kg dry	
Aroclor-1268	11100-14-4	4.51	56.4	<56.4	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	96	70-130	
Decachlorobiphenyl	2051-24-3	69	70-130	4.L

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	107	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:20	Sample ID: Site A SW 0-2'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-05 % Solid:88.60
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.63	10.0	3740	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.67	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.17	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.31	1.63	33.8	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.17	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.17	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.511	10.0	2420	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.16	1.67	9.91	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.159	1.67	5.13	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.14	1.67	11.6	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.22	24.5	17900	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.16	1.67	5.24	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.636	5.00	2110	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	1.12	8.17	429	mg/kg dry	3.E
Nickel	02/26/2014	EPA 6010 C	0.19	1.67	9.03	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.56	10.0	669	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.55	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.809	4.89	105	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.12	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.19	1.67	18.3	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.42	1.67	24.5	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn	
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'	
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06	% Solid:82.56
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.661	6.06	<6.06	ug/kg dry	4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.706	6.06	<6.06	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.774	6.06	<6.06	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.460	6.06	<6.06	ug/kg dry	5.L
Bromomethane	74-83-9	2.01	6.06	<6.06	ug/kg dry	5.L
Chloroethane	75-00-3	0.413	6.06	<6.06	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.627	6.06	<6.06	ug/kg dry	5.L
Acetone	67-64-1	7.05	60.6	<60.6	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.537	6.06	<6.06	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	2.09	6.06	<6.06	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.517	6.06	<6.06	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.770	6.06	<6.06	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.36	6.06	<6.06	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.429	6.06	<6.06	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.465	6.06	<6.06	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.560	6.06	<6.06	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.663	6.06	<6.06	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.82	12.1	<12.1	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.515	6.06	<6.06	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.383	6.06	<6.06	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.717	6.06	<6.06	ug/kg dry	5.L
Chloroform	67-66-3	0.643	6.06	<6.06	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.447	6.06	<6.06	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.591	6.06	<6.06	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.572	6.06	<6.06	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.580	6.06	<6.06	ug/kg dry	5.L
Benzene	71-43-2	0.437	6.06	<6.06	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.661	6.06	<6.06	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.629	6.06	<6.06	ug/kg dry	5.L
Dibromomethane	74-95-3	0.493	6.06	<6.06	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	27.9	60.6	<60.6	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.521	6.06	<6.06	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.694	12.1	<12.1	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.520	6.06	<6.06	ug/kg dry	5.L
Toluene	108-88-3	0.474	6.06	<6.06	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.405	6.06	<6.06	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.558	6.06	<6.06	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.847	6.06	<6.06	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.445	6.06	<6.06	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.396	6.06	<6.06	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.569	6.06	<6.06	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.514	6.06	<6.06	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.515	6.06	<6.06	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.813	6.06	<6.06	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.436	6.06	<6.06	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.667	12.1	<12.1	ug/kg dry	5.L
Styrene	100-42-5	0.310	6.06	<6.06	ug/kg dry	5.L
o-Xylene	95-47-6	0.304	6.06	<6.06	ug/kg dry	5.L
Bromoform	75-25-2	0.435	6.06	<6.06	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.426	6.06	<6.06	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.304	6.06	<6.06	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.670	6.06	<6.06	ug/kg dry	5.L
Bromobenzene	108-86-1	0.402	6.06	<6.06	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.421	6.06	<6.06	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.469	6.06	<6.06	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.443	6.06	<6.06	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.371	6.06	<6.06	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.385	6.06	<6.06	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.550	6.06	<6.06	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.423	6.06	<6.06	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.377	6.06	<6.06	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.344	6.06	<6.06	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.478	6.06	<6.06	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.493	6.06	<6.06	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.523	6.06	<6.06	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.310	6.06	<6.06	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.366	6.06	<6.06	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.745	6.06	<6.06	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.317	6.06	<6.06	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.373	6.06	<6.06	ug/kg dry	5.L
Naphthalene	91-20-3	0.715	6.06	<6.06	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.351	6.06	<6.06	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.676	6.06	<6.06	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	89	70-130	
1,2-Dichloroethane-d4	10706-07-0	92	70-130	
Toluene-d8	2037-26-5	99	70-130	
4-Bromofluorobenzene	460-00-4	102	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	104	50-200	
1,4-Difluorobenzene	540-36-3	108	50-200	
Chlorobenzene-d5	3114-55-4	111	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	88	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	20.6	164	<164	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	33.9	48.4	<48.4	ug/kg dry	
Phenol	108-95-2	19.4	48.4	<48.4	ug/kg dry	
Aniline	62-53-3	17.0	48.4	<48.4	ug/kg dry	4.J
2-Chlorophenol	95-57-8	21.8	48.4	<48.4	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	31.5	48.4	<48.4	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	19.4	48.4	<48.4	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	23.0	48.4	<48.4	ug/kg dry	
Benzyl alcohol	100-51-6	18.2	48.4	<48.4	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	19.4	48.4	<48.4	ug/kg dry	
2-Methylphenol	95-48-7	27.9	48.4	<48.4	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	30.3	48.4	<48.4	ug/kg dry	
Hexachloroethane	67-72-1	24.2	48.4	<48.4	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	21.8	48.4	<48.4	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	18.2	48.4	<48.4	ug/kg dry	
Nitrobenzene	98-95-3	21.8	48.4	<48.4	ug/kg dry	
Isophorone	78-59-1	17.0	48.4	<48.4	ug/kg dry	
2-Nitrophenol	88-75-5	33.9	48.4	<48.4	ug/kg dry	
2,4-Dimethylphenol	105-67-9	35.1	48.4	<48.4	ug/kg dry	
Benzoic Acid	65-85-0	29.1	48.4	<48.4	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	24.2	48.4	<48.4	ug/kg dry	
2,4-Dichlorophenol	120-83-2	17.0	48.4	<48.4	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	24.2	48.4	<48.4	ug/kg dry	
Naphthalene	91-20-3	19.4	48.4	<48.4	ug/kg dry	
4-Chloroaniline	106-47-8	17.0	48.4	<48.4	ug/kg dry	
Hexachlorobutadiene	87-68-3	33.9	48.4	<48.4	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	37.5	48.4	<48.4	ug/kg dry	
2-Methylnaphthalene	91-57-6	25.4	48.4	<48.4	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	21.8	48.4	<48.4	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	21.8	48.4	<48.4	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	30.3	48.4	<48.4	ug/kg dry	
2-Chloronaphthalene	91-58-7	17.0	48.4	<48.4	ug/kg dry	
2-Nitroaniline	88-74-4	41.2	48.4	<48.4	ug/kg dry	
Dimethyl phthalate	131-11-3	20.6	48.4	<48.4	ug/kg dry	
Acenaphthylene	208-96-8	26.6	48.4	<48.4	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	25.4	48.4	<48.4	ug/kg dry	
3-Nitroaniline	99-09-2	38.8	48.4	<48.4	ug/kg dry	
Acenaphthene	83-32-9	27.9	48.4	<48.4	ug/kg dry	
2,4-Dinitrophenol	51-28-5	17.0	164	<164	ug/kg dry	4.J
Dibenzofuran	132-64-9	23.0	48.4	<48.4	ug/kg dry	
4-Nitrophenol	100-02-7	19.4	164	<164	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	17.0	48.4	<48.4	ug/kg dry	
Fluorene	86-73-7	26.6	48.4	<48.4	ug/kg dry	
Diethyl phthalate	84-66-2	24.2	48.4	<48.4	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	23.0	48.4	<48.4	ug/kg dry	
4-Nitroaniline	100-01-6	24.2	48.4	<48.4	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	21.8	164	<164	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	21.8	48.4	<48.4	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	21.8	48.4	<48.4	ug/kg dry	
Hexachlorobenzene	118-74-1	24.2	48.4	<48.4	ug/kg dry	
Pentachlorophenol	87-86-5	20.6	48.4	<48.4	ug/kg dry	
Phenanthrene	85-01-8	26.6	48.4	<48.4	ug/kg dry	
Anthracene	120-12-7	21.8	48.4	<48.4	ug/kg dry	
Carbazole	86-74-8	20.6	48.4	<48.4	ug/kg dry	
Di-n-butyl phthalate	84-74-2	26.6	48.4	<48.4	ug/kg dry	
Parathion (ethyl)	56-38-2	63.0	72.7	<72.7	ug/kg dry	
Fluoranthene	206-44-0	24.2	48.4	<48.4	ug/kg dry	
Pyrene	129-00-0	25.4	48.4	<48.4	ug/kg dry	
Butyl benzyl phthalate	85-68-7	23.0	48.4	<48.4	ug/kg dry	



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	29.1	48.4	<48.4	ug/kg dry	
Chrysene	218-01-9	25.4	48.4	<48.4	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	17.0	48.4	<48.4	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	25.4	48.4	405	ug/kg dry	
Di-n-octyl phthalate	117-84-0	17.0	48.4	<48.4	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	21.8	48.4	<48.4	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	27.9	48.4	<48.4	ug/kg dry	
Benzo(a)pyrene	50-32-8	25.4	48.4	<48.4	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	32.7	48.4	77.5	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	31.5	48.4	50.1	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	27.9	48.4	65.4	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	60	25-121	
Phenol-d6	13127-88-3	64	24-113	
Nitrobenzene-d5	4165-60-0	65	23-120	
2-Fluorobiphenyl	321-60-8	61	30-115	
2,4,6-Tribromophenol	118-79-6	71	19-122	
Terphenyl-d14	1718-51-0	65	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	106	50-200	
Naphthalene-d8	1146-65-2	109	50-200	
Acenaphthene-d10	15067-26-2	110	50-200	
Phenanthrene-d10	1517-22-2	106	50-200	
Chrysene-d12	1719-03-5	103	50-200	
Perylene-d12	1520-96-3	100	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.294	6.06	<6.06	ug/kg dry	
gamma-BHC	58-89-9	0.300	6.06	<6.06	ug/kg dry	
beta-BHC	319-85-7	0.507	6.06	<6.06	ug/kg dry	
delta-BHC	319-86-8	0.367	6.06	<6.06	ug/kg dry	
Heptachlor	76-44-8	0.333	6.06	<6.06	ug/kg dry	
Aldrin	309-00-2	0.465	6.06	<6.06	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.538	6.06	<6.06	ug/kg dry	
trans-Chlordane	5103-74-2	0.767	6.06	<6.06	ug/kg dry	
cis-Chlordane	5103-71-9	0.512	6.06	<6.06	ug/kg dry	
4,4'-DDE	72-55-9	0.310	3.63	<3.63	ug/kg dry	
Endosulfan I	959-98-8	0.585	6.06	<6.06	ug/kg dry	
Dieldrin	60-57-1	0.483	6.06	<6.06	ug/kg dry	
Endrin	72-20-8	0.555	6.06	<6.06	ug/kg dry	
4,4'-DDD	72-54-8	0.551	3.63	<3.63	ug/kg dry	
Endosulfan II	33213-65-9	1.03	6.06	<6.06	ug/kg dry	
4,4'-DDT	50-29-3	0.801	3.63	<3.63	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.853	6.06	<6.06	ug/kg dry	
Methoxychlor	72-43-5	1.33	6.06	<6.06	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.42	6.06	<6.06	ug/kg dry	
Endrin Ketone	53494-70-5	1.22	6.06	<6.06	ug/kg dry	
Toxaphene	8001-35-2	8.33	121	<121	ug/kg dry	
Chlordane	12789-03-6	1.64	18.2	<18.2	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	108	70-130	
Decachlorobiphenyl	2051-24-3	85	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	106	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	7.24	60.6	<60.6	ug/kg dry	
Aroclor-1260	11096-82-5	4.43	60.6	<60.6	ug/kg dry	
Aroclor-1221	11104-28-2	4.84	60.6	<60.6	ug/kg dry	
Aroclor-1232	11141-16-5	4.84	60.6	<60.6	ug/kg dry	
Aroclor-1242	53469-21-9	4.84	60.6	<60.6	ug/kg dry	
Aroclor-1248	12672-29-6	4.84	60.6	<60.6	ug/kg dry	
Aroclor-1254	11097-69-1	4.84	60.6	<60.6	ug/kg dry	
Aroclor-1262	37324-23-5	4.84	60.6	<60.6	ug/kg dry	
Aroclor-1268	11100-14-4	4.84	60.6	<60.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	98	70-130	
Decachlorobiphenyl	2051-24-3	75	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	103	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site A Brooklyn
Date (Time) Collected: 02/20/2014 16:40	Sample ID: Site A SW 15-17'
Date (Time) Received: 02/21/2014 15:14	Laboratory ID: 4022113-06 % Solid:82.56
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.74	11.5	5610	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.79	1.92	<1.92	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.20	1.92	<1.92	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.36	1.92	30.4	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.20	1.92	<1.92	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.20	1.90	<1.90	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.601	11.5	756	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.19	1.92	14.9	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.187	1.92	5.42	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.17	1.92	8.63	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.78	28.7	13800	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.19	1.92	3.93	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.747	5.75	1880	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.26	1.92	282	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.22	1.92	9.45	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.84	11.5	747	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.65	1.92	<1.92	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.15	1.92	<1.92	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.950	5.75	112	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.31	1.92	1.98	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.22	1.92	20.1	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.50	1.92	24.3	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.12	<0.12	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Data Qualifiers Key Reference:

- 2.B Parameter not certifiable by ELAP.
- 2.T Sample preservation does not match batch preservation.
- 3.A Minimum detection limit raised due to matrix interference.
- 3.E Compound reported at a dilution factor.
- 4.G Spike recovery out of range due to matrix interference.
- 4.J Continuing Calibration Verification (CCV) quality control levels low, values are considered to be estimated.
- 4.L Surrogate recovery is outside the acceptance criteria.
- 4.M LCS recovery above QC Limit.
- 4.N LCS recovery below QC limit.
- 5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
 NPV
 572 Wall Whisman Rd
 Melville NY 11747

PROJECT LOCATION:
 Broadway/Decker - Site A Broomfield

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

CONTACT: J. McGinn
 PHONE: 477-5665
 FAX: 477-5620

SAMPLER SIGNATURE: [Signature]
 SAMPLER NAME (PRINT): J. McGinn
 SAMPLES RECEIVED AT: D17C

SAMPLE(S) SEALED: YES / NO
 CORRECT CONTAINER(S): YES / NO

4022113

LABORATORY ID #	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	CONTAINERS
1. 4022113-01	S	G				2/20/14	11:20	Site A SE 0-2'	8260 8270 8281 8282 TAL Metals (23) MTBE	3
2. 02	S	G					11:30	Site A SE 15-20'		3
3. 03	S	G					11:00	Site A Basement 10-12'		3
4. 04	S	G					4:20	Site A Basement 15-17'		3
5. 05	S	G					4:20	Site A SW 0-2'		3
6. 06	S	G					4:40	Site A SW 15-17'		3
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WPIE;
 PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WM=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H2SO4; (4) NaOH; (5) Na2S2O3; (6) HNO3; (7) OTHER BY 1 1

TURNAROUND REQUIRED: NORMAL STAT

COMMENTS / INSTRUCTIONS

RELEASING BY (SIGNATURE): [Signature]
 DATE: 2/2/14
 TIME: 8:05
 PRINTED NAME: Steven J. McGinn

RECEIVED BY (SIGNATURE): [Signature]
 DATE: 2/17/14
 TIME: 2:00
 PRINTED NAME: Steven J. McGinn

RECEIVED BY (SIGNATURE): [Signature]
 DATE: 2/17/14
 TIME: 8:05
 PRINTED NAME: Jonathan McGinn

RECEIVED BY (SIGNATURE): [Signature]
 DATE: 2/17/14
 TIME: 2:00
 PRINTED NAME: Ben [Name]



Laboratory Report

NYSDOH ELAP# 11693
 USEPA# NY01273
 CTDOH# PH-0284
 AIHA# 164456
 NJDEP# NY012
 PADEP# 68-2943

LIAL# 4022114

March 03, 2014

Nelson, Pope & Voorhis
 Steve McGinn
 572 Walt Whitman Road
 Melville, NY 11747

Re: Broadway/Decatur Site B Brooklyn

Dear Steve McGinn,

Enclosed please find the laboratory Analysis Report(s) for sample(s) recieved on February 21, 2014. Long Island Analytical laboratories analyzed the samples on February 27, 2014 for the following:

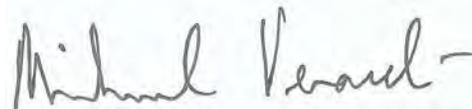
CLIENT ID	ANALYSIS
B-1 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-1 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-2 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-2 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-3 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-3 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-4 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-4 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-5 0-2'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
B-5 15-17'	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List
Ste B Soil Pile	EPA 8081 B, EPA 8082 A, EPA 8260 C, EPA 8270 D, TAL Target Analyte List

Samples received at 0.6 ° C

5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

A handwritten signature in black ink that reads "Michael Veraldi" with a horizontal line extending from the end of the name.

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01 % Solid:89.11
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.613	5.61	<5.61	ug/kg dry	5.L, 2.T, 4.J, 4.N
Chlorodifluoromethane	75-45-6	0.654	5.61	<5.61	ug/kg dry	2.B, 2.T, 5.L
Chloromethane	74-87-3	0.717	5.61	<5.61	ug/kg dry	2.T, 5.L
Vinyl chloride	75-01-4	0.426	5.61	<5.61	ug/kg dry	2.T, 5.L
Bromomethane	74-83-9	1.86	5.61	<5.61	ug/kg dry	2.T, 5.L
Chloroethane	75-00-3	0.383	5.61	<5.61	ug/kg dry	2.T, 5.L
Trichlorofluoromethane	75-69-4	0.581	5.61	<5.61	ug/kg dry	2.T, 5.L
Acetone	67-64-1	6.53	56.1	<56.1	ug/kg dry	2.T, 5.L
1,1-Dichloroethylene	75-35-4	0.497	5.61	<5.61	ug/kg dry	2.T, 5.L
tert-Butyl alcohol	75-65-0	1.94	5.61	<5.61	ug/kg dry	2.T, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.479	5.61	<5.61	ug/kg dry	2.T, 5.L
Acrylonitrile	107-13-1	0.714	5.61	<5.61	ug/kg dry	2.T, 5.L
Methylene Chloride	75-09-2	1.26	5.61	<5.61	ug/kg dry	2.T, 5.L
Carbon disulfide	75-15-0	0.397	5.61	<5.61	ug/kg dry	2.T, 5.L
Methyl-tert-Butyl Ether	1634-04-4	0.431	5.61	<5.61	ug/kg dry	2.T, 5.L
trans-1,2-Dichloroethylene	156-60-5	0.518	5.61	<5.61	ug/kg dry	2.T, 5.L
1,1-Dichloroethane	75-34-3	0.614	5.61	<5.61	ug/kg dry	2.T, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.69	11.2	<11.2	ug/kg dry	2.T, 5.L
cis-1,2-Dichloroethylene	156-59-2	0.477	5.61	<5.61	ug/kg dry	2.T, 5.L
2,2-Dichloropropane	594-20-7	0.355	5.61	<5.61	ug/kg dry	2.T, 5.L
Bromochloromethane	74-97-5	0.664	5.61	<5.61	ug/kg dry	2.T, 5.L
Chloroform	67-66-3	0.596	5.61	<5.61	ug/kg dry	2.T, 5.L
1,1,1-Trichloroethane	71-55-6	0.414	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2-Dichloroethane	107-06-2	0.548	5.61	<5.61	ug/kg dry	2.T, 5.L
1,1-Dichloropropylene	563-58-6	0.530	5.61	<5.61	ug/kg dry	2.T, 5.L
Carbon Tetrachloride	56-23-5	0.538	5.61	<5.61	ug/kg dry	2.T, 5.L
Benzene	71-43-2	0.405	5.61	<5.61	ug/kg dry	2.T, 5.L
Trichloroethylene	79-01-6	0.613	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2-Dichloropropane	78-87-5	0.582	5.61	<5.61	ug/kg dry	2.T, 5.L
Dibromomethane	74-95-3	0.457	5.61	<5.61	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01	% Solid:89.11
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	25.9	56.1	<56.1	ug/kg dry	2.T, 5.L
Bromodichloromethane	75-27-4	0.483	5.61	<5.61	ug/kg dry	2.T, 5.L
4-Methyl-2-Pentanone	108-10-1	0.643	11.2	<11.2	ug/kg dry	2.T, 5.L
cis-1,3-Dichloropropylene	10061-01-5	0.481	5.61	<5.61	ug/kg dry	2.T, 5.L
Toluene	108-88-3	0.439	5.61	<5.61	ug/kg dry	2.T, 5.L
trans-1,3-Dichloropropylene	10061-02-6	0.375	5.61	<5.61	ug/kg dry	5.L, 2.T
1,1,2-Trichloroethane	79-00-5	0.517	5.61	<5.61	ug/kg dry	2.T, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.784	5.61	<5.61	ug/kg dry	2.T, 5.L
1,3-Dichloropropane	142-28-9	0.412	5.61	<5.61	ug/kg dry	2.T, 5.L
Dibromochloromethane	124-48-1	0.367	5.61	<5.61	ug/kg dry	2.T, 5.L
Tetrachloroethylene	127-18-4	0.527	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2-Dibromoethane	106-93-4	0.476	5.61	<5.61	ug/kg dry	2.T, 5.L
Chlorobenzene	108-90-7	0.477	5.61	<5.61	ug/kg dry	2.T, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.753	5.61	<5.61	ug/kg dry	2.T, 5.L
Ethylbenzene	100-41-4	0.404	5.61	<5.61	ug/kg dry	2.T, 5.L
m,p-Xylenes	108-38-3/106-42-3	0.618	11.2	<11.2	ug/kg dry	2.T, 5.L
Styrene	100-42-5	0.287	5.61	<5.61	ug/kg dry	2.T, 5.L
o-Xylene	95-47-6	0.282	5.61	<5.61	ug/kg dry	2.T, 5.L
Bromoform	75-25-2	0.403	5.61	<5.61	ug/kg dry	2.T, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.395	5.61	<5.61	ug/kg dry	2.T, 5.L
Isopropylbenzene (Cumene)	98-82-8	0.282	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2,3-Trichloropropane	96-18-4	0.621	5.61	<5.61	ug/kg dry	2.T, 5.L
Bromobenzene	108-86-1	0.373	5.61	<5.61	ug/kg dry	2.T, 5.L
n-Propylbenzene	103-65-1	0.391	5.61	<5.61	ug/kg dry	2.T, 5.L
2-Chlorotoluene	95-49-8	0.434	5.61	<5.61	ug/kg dry	2.T, 5.L
4-Ethyltoluene	622-96-8	0.411	5.61	<5.61	ug/kg dry	2.B, 2.T, 5.L
4-Chlorotoluene	106-43-4	0.343	5.61	<5.61	ug/kg dry	2.T, 5.L
1,3,5-Trimethylbenzene	108-67-8	0.357	5.61	<5.61	ug/kg dry	2.T, 5.L
tert-Butylbenzene	98-06-6	0.509	5.61	<5.61	ug/kg dry	2.T, 5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01 % Solid:89.11
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.392	5.61	<5.61	ug/kg dry	2.T, 5.L
sec-Butylbenzene	135-98-8	0.349	5.61	<5.61	ug/kg dry	2.T, 5.L
1,3-Dichlorobenzene	541-73-1	0.319	5.61	<5.61	ug/kg dry	2.T, 5.L
4-Isopropyltoluene	99-87-6	0.443	5.61	<5.61	ug/kg dry	2.T, 5.L
1,4-Dichlorobenzene	106-46-7	0.457	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2-Dichlorobenzene	95-50-1	0.485	5.61	<5.61	ug/kg dry	2.T, 5.L
1,4-Diethylbenzene	105-05-5	0.287	5.61	<5.61	ug/kg dry	2.B, 2.T, 5.L
n-Butylbenzene	104-51-8	0.339	5.61	<5.61	ug/kg dry	5.L, 2.T
1,2-Dibromo-3-chloropropane	96-12-8	0.690	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.294	5.61	<5.61	ug/kg dry	2.B, 2.T, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.346	5.61	<5.61	ug/kg dry	2.T, 5.L
Naphthalene	91-20-3	0.662	5.61	<5.61	ug/kg dry	2.T, 5.L
Hexachlorobutadiene	87-68-3	0.325	5.61	<5.61	ug/kg dry	2.T, 5.L
1,2,3-Trichlorobenzene	87-61-6	0.626	5.61	<5.61	ug/kg dry	2.T, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	85	70-130	
1,2-Dichloroethane-d4	10706-07-0	86	70-130	
Toluene-d8	2037-26-5	107	70-130	
4-Bromofluorobenzene	460-00-4	107	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	90	50-200	
1,4-Difluorobenzene	540-36-3	89	50-200	
Chlorobenzene-d5	3114-55-4	84	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	66	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01	% Solid:89.11	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	95.4	757	<757	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	157	224	<224	ug/kg dry	3.A
Phenol	108-95-2	89.8	224	<224	ug/kg dry	3.A
Aniline	62-53-3	78.6	224	<224	ug/kg dry	3.A, 4.J
2-Chlorophenol	95-57-8	101	224	<224	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	146	224	<224	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	89.8	224	<224	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	107	224	<224	ug/kg dry	3.A
Benzyl alcohol	100-51-6	84.2	224	<224	ug/kg dry	3.A, 4.J
1,2-Dichlorobenzene	95-50-1	89.8	224	<224	ug/kg dry	3.A
2-Methylphenol	95-48-7	129	224	<224	ug/kg dry	3.A
Bis(2-chloroisopropyl)ether	39638-32-9	140	224	<224	ug/kg dry	3.A
Hexachloroethane	67-72-1	112	224	<224	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	101	224	<224	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	84.2	224	<224	ug/kg dry	3.A
Nitrobenzene	98-95-3	101	224	<224	ug/kg dry	3.A
Isophorone	78-59-1	78.6	224	<224	ug/kg dry	3.A
2-Nitrophenol	88-75-5	157	224	<224	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	163	224	<224	ug/kg dry	3.A
Benzoic Acid	65-85-0	135	224	<224	ug/kg dry	3.A, 4.J
bis(2-Chloroethoxy)methane	111-91-1	112	224	<224	ug/kg dry	3.A
2,4-Dichlorophenol	120-83-2	78.6	224	<224	ug/kg dry	3.A
1,2,4-Trichlorobenzene	120-82-1	112	224	<224	ug/kg dry	3.A
Naphthalene	91-20-3	89.8	224	<224	ug/kg dry	3.A
4-Chloroaniline	106-47-8	78.6	224	<224	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	157	224	<224	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	174	224	<224	ug/kg dry	3.A
2-Methylnaphthalene	91-57-6	118	224	<224	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	101	224	<224	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	101	224	<224	ug/kg dry	3.A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01 % Solid:89.11
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	140	224	<224	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	78.6	224	<224	ug/kg dry	3.A
2-Nitroaniline	88-74-4	191	224	<224	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	95.4	224	<224	ug/kg dry	3.A
Acenaphthylene	208-96-8	123	224	943	ug/kg dry	3.E
2,6-Dinitrotoluene	606-20-2	118	224	<224	ug/kg dry	3.A
3-Nitroaniline	99-09-2	180	224	<224	ug/kg dry	3.A
Acenaphthene	83-32-9	129	224	243	ug/kg dry	3.E
2,4-Dinitrophenol	51-28-5	78.6	757	<757	ug/kg dry	3.A, 4.J
Dibenzofuran	132-64-9	107	224	<224	ug/kg dry	3.A
4-Nitrophenol	100-02-7	89.8	757	<757	ug/kg dry	3.A
2,4-Dinitrotoluene	121-14-2	78.6	224	<224	ug/kg dry	3.A
Fluorene	86-73-7	123	224	453	ug/kg dry	3.E
Diethyl phthalate	84-66-2	112	224	<224	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	107	224	<224	ug/kg dry	3.A
4-Nitroaniline	100-01-6	112	224	<224	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	101	757	<757	ug/kg dry	3.A, 4.J
N-Nitrosodiphenylamine	86-30-6	101	224	<224	ug/kg dry	3.A
4-Bromophenyl phenyl ether	101-55-3	101	224	<224	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	112	224	<224	ug/kg dry	3.A
Pentachlorophenol	87-86-5	95.4	224	<224	ug/kg dry	3.A
Phenanthrene	85-01-8	123	224	5640	ug/kg dry	3.E
Anthracene	120-12-7	101	224	1350	ug/kg dry	3.E
Carbazole	86-74-8	95.4	224	318	ug/kg dry	3.E
Di-n-butyl phthalate	84-74-2	123	224	<224	ug/kg dry	3.A
Parathion (ethyl)	56-38-2	292	337	<337	ug/kg dry	3.A
Fluoranthene	206-44-0	112	224	9870	ug/kg dry	3.E
Pyrene	129-00-0	118	224	10000	ug/kg dry	3.E
Butyl benzyl phthalate	85-68-7	107	224	<224	ug/kg dry	3.A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01 % Solid:89.11
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	135	224	5690	ug/kg dry	3.E
Chrysene	218-01-9	118	224	6490	ug/kg dry	3.E
3,3'-Dichlorobenzidine	91-94-1	78.6	224	<224	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	118	224	228	ug/kg dry	3.E
Di-n-octyl phthalate	117-84-0	78.6	224	<224	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	101	224	7230	ug/kg dry	3.E
Benzo(k)fluoranthene	207-08-9	129	224	2310	ug/kg dry	3.E
Benzo(a)pyrene	50-32-8	118	224	5500	ug/kg dry	3.E
Indeno(1,2,3-cd)pyrene	193-39-5	151	224	4090	ug/kg dry	3.E
Dibenzo(a,h)anthracene	53-70-3	146	224	1080	ug/kg dry	3.E
Benzo(g,h,i)perylene	191-24-2	129	224	3600	ug/kg dry	3.E

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	74	25-121	3.E
Phenol-d6	13127-88-3	78	24-113	3.E
Nitrobenzene-d5	4165-60-0	79	23-120	3.E
2-Fluorobiphenyl	321-60-8	75	30-115	3.E
2,4,6-Tribromophenol	118-79-6	81	19-122	3.E
Terphenyl-d14	1718-51-0	78	18-137	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	104	50-200	
Naphthalene-d8	1146-65-2	109	50-200	
Acenaphthene-d10	15067-26-2	107	50-200	
Phenanthrene-d10	1517-22-2	103	50-200	
Chrysene-d12	1719-03-5	96	50-200	
Perylene-d12	1520-96-3	95	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01	% Solid:89.11	
Matrix: Soil	ELAP: #11693		

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.273	5.61	<5.61	ug/kg dry	
gamma-BHC	58-89-9	0.278	5.61	<5.61	ug/kg dry	
beta-BHC	319-85-7	0.470	5.61	<5.61	ug/kg dry	
delta-BHC	319-86-8	0.340	5.61	<5.61	ug/kg dry	
Heptachlor	76-44-8	0.309	5.61	<5.61	ug/kg dry	
Aldrin	309-00-2	0.431	5.61	<5.61	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.498	5.61	<5.61	ug/kg dry	
trans-Chlordane	5103-74-2	0.710	5.61	<5.61	ug/kg dry	
cis-Chlordane	5103-71-9	0.475	5.61	8.60	ug/kg dry	
4,4'-DDE	72-55-9	0.287	3.37	17.2	ug/kg dry	
Endosulfan I	959-98-8	0.542	5.61	<5.61	ug/kg dry	
Dieldrin	60-57-1	0.448	5.61	15.5	ug/kg dry	
Endrin	72-20-8	0.514	5.61	<5.61	ug/kg dry	
4,4'-DDD	72-54-8	0.511	3.37	11.6	ug/kg dry	
Endosulfan II	33213-65-9	0.955	5.61	<5.61	ug/kg dry	
4,4'-DDT	50-29-3	0.742	3.37	182	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.790	5.61	<5.61	ug/kg dry	
Methoxychlor	72-43-5	1.23	5.61	<5.61	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.32	5.61	<5.61	ug/kg dry	
Endrin Ketone	53494-70-5	1.13	5.61	<5.61	ug/kg dry	
Toxaphene	8001-35-2	7.72	112	<112	ug/kg dry	
Chlordane	12789-03-6	1.52	16.8	38.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	100	70-130	
Decachlorobiphenyl	2051-24-3	91	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	111	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01 % Solid:89.11
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.71	56.1	<56.1	ug/kg dry	
Aroclor-1260	11096-82-5	4.10	56.1	<56.1	ug/kg dry	
Aroclor-1221	11104-28-2	4.49	56.1	<56.1	ug/kg dry	
Aroclor-1232	11141-16-5	4.49	56.1	<56.1	ug/kg dry	
Aroclor-1242	53469-21-9	4.49	56.1	<56.1	ug/kg dry	
Aroclor-1248	12672-29-6	4.49	56.1	<56.1	ug/kg dry	
Aroclor-1254	11097-69-1	4.49	56.1	<56.1	ug/kg dry	
Aroclor-1262	37324-23-5	4.49	56.1	<56.1	ug/kg dry	
Aroclor-1268	11100-14-4	4.49	56.1	<56.1	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	101	70-130	
Decachlorobiphenyl	2051-24-3	133	70-130	4.L

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	102	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 09:50	Sample ID: B-1 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-01 % Solid:89.11
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	3.17	49.5	9680	mg/kg dry	3.E
Antimony	02/26/2014	EPA 6010 C	0.68	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.18	1.67	2.94	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	1.55	8.27	503	mg/kg dry	3.E
Beryllium	02/26/2014	EPA 6010 C	0.18	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.17	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	2.59	49.5	21700	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.17	1.67	18.2	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.161	1.67	7.63	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.15	1.67	33.3	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.26	24.8	21100	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.16	1.67	216	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.644	5.00	4020	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.23	1.67	225	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.19	1.67	17.4	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	7.90	49.5	2960	mg/kg dry	3.E, 4.M
Selenium	02/26/2014	EPA 6010 C	0.56	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.818	4.95	347	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.13	1.67	2.29	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.19	1.67	23.7	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.43	1.67	281	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.10	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02	% Solid:80.46
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.679	6.21	<6.21	ug/kg dry	4.J, 4.N, 5.L
Chlorodifluoromethane	75-45-6	0.725	6.21	<6.21	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.794	6.21	<6.21	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.472	6.21	<6.21	ug/kg dry	5.L
Bromomethane	74-83-9	2.06	6.21	<6.21	ug/kg dry	5.L
Chloroethane	75-00-3	0.424	6.21	<6.21	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.644	6.21	<6.21	ug/kg dry	5.L
Acetone	67-64-1	7.24	62.1	<62.1	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.551	6.21	<6.21	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	2.15	6.21	<6.21	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.531	6.21	<6.21	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.790	6.21	<6.21	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.40	6.21	<6.21	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.440	6.21	<6.21	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.477	6.21	<6.21	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.574	6.21	<6.21	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.680	6.21	<6.21	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.87	12.4	<12.4	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.528	6.21	<6.21	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.393	6.21	<6.21	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.736	6.21	<6.21	ug/kg dry	5.L
Chloroform	67-66-3	0.660	6.21	<6.21	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.459	6.21	<6.21	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.607	6.21	<6.21	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.587	6.21	<6.21	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.595	6.21	<6.21	ug/kg dry	5.L
Benzene	71-43-2	0.449	6.21	<6.21	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.679	6.21	<6.21	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.645	6.21	<6.21	ug/kg dry	5.L
Dibromomethane	74-95-3	0.506	6.21	<6.21	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	28.6	62.1	<62.1	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.534	6.21	<6.21	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.712	12.4	<12.4	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.533	6.21	<6.21	ug/kg dry	5.L
Toluene	108-88-3	0.486	6.21	<6.21	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.415	6.21	<6.21	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.573	6.21	<6.21	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.869	6.21	<6.21	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.456	6.21	<6.21	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.406	6.21	<6.21	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.584	6.21	<6.21	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.527	6.21	<6.21	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.528	6.21	<6.21	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.834	6.21	<6.21	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.447	6.21	<6.21	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.685	12.4	<12.4	ug/kg dry	5.L
Styrene	100-42-5	0.318	6.21	<6.21	ug/kg dry	5.L
o-Xylene	95-47-6	0.312	6.21	<6.21	ug/kg dry	5.L
Bromoform	75-25-2	0.446	6.21	<6.21	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.437	6.21	<6.21	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.312	6.21	<6.21	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.687	6.21	<6.21	ug/kg dry	5.L
Bromobenzene	108-86-1	0.413	6.21	<6.21	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.433	6.21	<6.21	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.481	6.21	<6.21	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.455	6.21	<6.21	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.380	6.21	<6.21	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.395	6.21	<6.21	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.564	6.21	<6.21	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.434	6.21	<6.21	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.387	6.21	<6.21	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.353	6.21	<6.21	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.491	6.21	<6.21	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.506	6.21	<6.21	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.537	6.21	<6.21	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.318	6.21	<6.21	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.375	6.21	<6.21	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.764	6.21	<6.21	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.326	6.21	<6.21	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.383	6.21	<6.21	ug/kg dry	5.L
Naphthalene	91-20-3	0.733	6.21	<6.21	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.360	6.21	<6.21	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.694	6.21	<6.21	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	80	70-130	
1,2-Dichloroethane-d4	10706-07-0	79	70-130	
Toluene-d8	2037-26-5	102	70-130	
4-Bromofluorobenzene	460-00-4	103	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	91	50-200	
1,4-Difluorobenzene	540-36-3	89	50-200	
Chlorobenzene-d5	3114-55-4	100	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	82	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/24/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02	% Solid:80.46	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	21.1	168	<168	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	34.8	49.7	<49.7	ug/kg dry	
Phenol	108-95-2	19.9	49.7	<49.7	ug/kg dry	
Aniline	62-53-3	17.4	49.7	<49.7	ug/kg dry	4.J
2-Chlorophenol	95-57-8	22.4	49.7	<49.7	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	32.3	49.7	<49.7	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	19.9	49.7	<49.7	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	23.6	49.7	<49.7	ug/kg dry	
Benzyl alcohol	100-51-6	18.6	49.7	<49.7	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	19.9	49.7	<49.7	ug/kg dry	
2-Methylphenol	95-48-7	28.6	49.7	<49.7	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	31.1	49.7	<49.7	ug/kg dry	
Hexachloroethane	67-72-1	24.9	49.7	<49.7	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	22.4	49.7	<49.7	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	18.6	49.7	<49.7	ug/kg dry	
Nitrobenzene	98-95-3	22.4	49.7	<49.7	ug/kg dry	
Isophorone	78-59-1	17.4	49.7	<49.7	ug/kg dry	
2-Nitrophenol	88-75-5	34.8	49.7	<49.7	ug/kg dry	
2,4-Dimethylphenol	105-67-9	36.0	49.7	<49.7	ug/kg dry	
Benzoic Acid	65-85-0	29.8	49.7	<49.7	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	24.9	49.7	<49.7	ug/kg dry	
2,4-Dichlorophenol	120-83-2	17.4	49.7	<49.7	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	24.9	49.7	<49.7	ug/kg dry	
Naphthalene	91-20-3	19.9	49.7	<49.7	ug/kg dry	
4-Chloroaniline	106-47-8	17.4	49.7	<49.7	ug/kg dry	
Hexachlorobutadiene	87-68-3	34.8	49.7	<49.7	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	38.5	49.7	<49.7	ug/kg dry	
2-Methylnaphthalene	91-57-6	26.1	49.7	<49.7	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	22.4	49.7	<49.7	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	22.4	49.7	<49.7	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	31.1	49.7	<49.7	ug/kg dry	
2-Chloronaphthalene	91-58-7	17.4	49.7	<49.7	ug/kg dry	
2-Nitroaniline	88-74-4	42.3	49.7	<49.7	ug/kg dry	
Dimethyl phthalate	131-11-3	21.1	49.7	<49.7	ug/kg dry	
Acenaphthylene	208-96-8	27.3	49.7	<49.7	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	26.1	49.7	<49.7	ug/kg dry	
3-Nitroaniline	99-09-2	39.8	49.7	<49.7	ug/kg dry	
Acenaphthene	83-32-9	28.6	49.7	<49.7	ug/kg dry	
2,4-Dinitrophenol	51-28-5	17.4	168	<168	ug/kg dry	4.J
Dibenzofuran	132-64-9	23.6	49.7	<49.7	ug/kg dry	
4-Nitrophenol	100-02-7	19.9	168	<168	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	17.4	49.7	<49.7	ug/kg dry	
Fluorene	86-73-7	27.3	49.7	<49.7	ug/kg dry	
Diethyl phthalate	84-66-2	24.9	49.7	<49.7	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	23.6	49.7	<49.7	ug/kg dry	
4-Nitroaniline	100-01-6	24.9	49.7	<49.7	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	22.4	168	<168	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	22.4	49.7	<49.7	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	22.4	49.7	<49.7	ug/kg dry	
Hexachlorobenzene	118-74-1	24.9	49.7	<49.7	ug/kg dry	
Pentachlorophenol	87-86-5	21.1	49.7	<49.7	ug/kg dry	
Phenanthrene	85-01-8	27.3	49.7	394	ug/kg dry	
Anthracene	120-12-7	22.4	49.7	100	ug/kg dry	
Carbazole	86-74-8	21.1	49.7	<49.7	ug/kg dry	
Di-n-butyl phthalate	84-74-2	27.3	49.7	<49.7	ug/kg dry	
Parathion (ethyl)	56-38-2	64.6	74.6	<74.6	ug/kg dry	
Fluoranthene	206-44-0	24.9	49.7	731	ug/kg dry	
Pyrene	129-00-0	26.1	49.7	695	ug/kg dry	
Butyl benzyl phthalate	85-68-7	23.6	49.7	76.2	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	29.8	49.7	398	ug/kg dry	
Chrysene	218-01-9	26.1	49.7	417	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	17.4	49.7	<49.7	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	26.1	49.7	973	ug/kg dry	
Di-n-octyl phthalate	117-84-0	17.4	49.7	<49.7	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	22.4	49.7	503	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	28.6	49.7	174	ug/kg dry	
Benzo(a)pyrene	50-32-8	26.1	49.7	384	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	33.6	49.7	321	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	32.3	49.7	84.5	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	28.6	49.7	288	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	49	25-121	
Phenol-d6	13127-88-3	58	24-113	
Nitrobenzene-d5	4165-60-0	52	23-120	
2-Fluorobiphenyl	321-60-8	57	30-115	
2,4,6-Tribromophenol	118-79-6	69	19-122	
Terphenyl-d14	1718-51-0	64	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	107	50-200	
Naphthalene-d8	1146-65-2	111	50-200	
Acenaphthene-d10	15067-26-2	108	50-200	
Phenanthrene-d10	1517-22-2	106	50-200	
Chrysene-d12	1719-03-5	104	50-200	
Perylene-d12	1520-96-3	102	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.302	6.21	<6.21	ug/kg dry	
gamma-BHC	58-89-9	0.308	6.21	<6.21	ug/kg dry	
beta-BHC	319-85-7	0.521	6.21	<6.21	ug/kg dry	
delta-BHC	319-86-8	0.377	6.21	<6.21	ug/kg dry	
Heptachlor	76-44-8	0.342	6.21	<6.21	ug/kg dry	
Aldrin	309-00-2	0.477	6.21	<6.21	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.552	6.21	<6.21	ug/kg dry	
trans-Chlordane	5103-74-2	0.787	6.21	<6.21	ug/kg dry	
cis-Chlordane	5103-71-9	0.526	6.21	<6.21	ug/kg dry	
4,4'-DDE	72-55-9	0.318	3.73	<3.73	ug/kg dry	
Endosulfan I	959-98-8	0.600	6.21	<6.21	ug/kg dry	
Dieldrin	60-57-1	0.496	6.21	<6.21	ug/kg dry	
Endrin	72-20-8	0.569	6.21	<6.21	ug/kg dry	
4,4'-DDD	72-54-8	0.566	3.73	<3.73	ug/kg dry	
Endosulfan II	33213-65-9	1.06	6.21	<6.21	ug/kg dry	
4,4'-DDT	50-29-3	0.822	3.73	7.03	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.875	6.21	<6.21	ug/kg dry	
Methoxychlor	72-43-5	1.36	6.21	<6.21	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.46	6.21	<6.21	ug/kg dry	
Endrin Ketone	53494-70-5	1.25	6.21	<6.21	ug/kg dry	
Toxaphene	8001-35-2	8.55	124	<124	ug/kg dry	
Chlordane	12789-03-6	1.69	18.6	<18.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	100	70-130	
Decachlorobiphenyl	2051-24-3	82	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	105	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	7.43	62.1	<62.1	ug/kg dry	
Aroclor-1260	11096-82-5	4.55	62.1	<62.1	ug/kg dry	
Aroclor-1221	11104-28-2	4.97	62.1	<62.1	ug/kg dry	
Aroclor-1232	11141-16-5	4.97	62.1	<62.1	ug/kg dry	
Aroclor-1242	53469-21-9	4.97	62.1	<62.1	ug/kg dry	
Aroclor-1248	12672-29-6	4.97	62.1	<62.1	ug/kg dry	
Aroclor-1254	11097-69-1	4.97	62.1	<62.1	ug/kg dry	
Aroclor-1262	37324-23-5	4.97	62.1	<62.1	ug/kg dry	
Aroclor-1268	11100-14-4	4.97	62.1	<62.1	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	95	70-130	
Decachlorobiphenyl	2051-24-3	77	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	103	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 10:35	Sample ID: B-1 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-02 % Solid:80.46
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.39	10.0	2140	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.41	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.11	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.19	1.01	51.8	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.11	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.10	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	1.58	30.2	8530	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.10	1.67	6.95	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.0983	1.67	2.42	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.09	1.67	6.62	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	1.98	15.1	7190	mg/kg dry	4.M, 3.E
Lead	02/26/2014	EPA 6010 C	0.10	1.67	22.8	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.392	5.00	3160	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.14	1.67	131	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.12	1.67	4.72	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	0.963	10.0	447	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.34	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.08	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.499	3.02	142	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	0.69	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.12	1.67	7.51	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.26	1.67	136	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.12	<0.12	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03	% Solid:80.66
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.677	6.20	<6.20	ug/kg dry	2.T, 5.L
Chlorodifluoromethane	75-45-6	0.723	6.20	<6.20	ug/kg dry	2.B, 2.T, 5.L
Chloromethane	74-87-3	0.792	6.20	<6.20	ug/kg dry	2.T, 5.L
Vinyl chloride	75-01-4	0.471	6.20	<6.20	ug/kg dry	2.T, 5.L
Bromomethane	74-83-9	2.06	6.20	<6.20	ug/kg dry	2.T, 5.L
Chloroethane	75-00-3	0.423	6.20	<6.20	ug/kg dry	2.T, 5.L
Trichlorofluoromethane	75-69-4	0.642	6.20	<6.20	ug/kg dry	2.T, 5.L
Acetone	67-64-1	7.22	62.0	<62.0	ug/kg dry	2.T, 5.L
1,1-Dichloroethylene	75-35-4	0.549	6.20	<6.20	ug/kg dry	2.T, 5.L
tert-Butyl alcohol	75-65-0	2.14	6.20	<6.20	ug/kg dry	2.T, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.529	6.20	<6.20	ug/kg dry	2.T, 5.L
Acrylonitrile	107-13-1	0.788	6.20	<6.20	ug/kg dry	2.T, 5.L
Methylene Chloride	75-09-2	1.39	6.20	<6.20	ug/kg dry	2.T, 5.L
Carbon disulfide	75-15-0	0.439	6.20	<6.20	ug/kg dry	2.T, 5.L
Methyl-tert-Butyl Ether	1634-04-4	0.476	6.20	<6.20	ug/kg dry	2.T, 5.L
trans-1,2-Dichloroethylene	156-60-5	0.573	6.20	<6.20	ug/kg dry	2.T, 5.L
1,1-Dichloroethane	75-34-3	0.678	6.20	<6.20	ug/kg dry	2.T, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.86	12.4	<12.4	ug/kg dry	2.T, 5.L
cis-1,2-Dichloroethylene	156-59-2	0.527	6.20	<6.20	ug/kg dry	2.T, 5.L
2,2-Dichloropropane	594-20-7	0.392	6.20	<6.20	ug/kg dry	2.T, 5.L
Bromochloromethane	74-97-5	0.734	6.20	<6.20	ug/kg dry	2.T, 4.M, 5.L
Chloroform	67-66-3	0.658	6.20	<6.20	ug/kg dry	2.T, 5.L
1,1,1-Trichloroethane	71-55-6	0.457	6.20	<6.20	ug/kg dry	2.T, 5.L
1,2-Dichloroethane	107-06-2	0.605	6.20	<6.20	ug/kg dry	2.T, 5.L
1,1-Dichloropropylene	563-58-6	0.585	6.20	<6.20	ug/kg dry	2.T, 5.L
Carbon Tetrachloride	56-23-5	0.594	6.20	<6.20	ug/kg dry	2.T, 5.L
Benzene	71-43-2	0.448	6.20	<6.20	ug/kg dry	2.T, 5.L
Trichloroethylene	79-01-6	0.677	6.20	<6.20	ug/kg dry	2.T, 5.L
1,2-Dichloropropane	78-87-5	0.643	6.20	<6.20	ug/kg dry	2.T, 5.L
Dibromomethane	74-95-3	0.505	6.20	<6.20	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03	% Solid:80.66
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	28.6	62.0	<62.0	ug/kg dry	2.T, 5.L
Bromodichloromethane	75-27-4	0.533	6.20	<6.20	ug/kg dry	2.T, 5.L
4-Methyl-2-Pentanone	108-10-1	0.710	12.4	<12.4	ug/kg dry	2.T, 5.L
cis-1,3-Dichloropropylene	10061-01-5	0.532	6.20	<6.20	ug/kg dry	2.T, 5.L
Toluene	108-88-3	0.485	6.20	<6.20	ug/kg dry	2.T, 5.L
trans-1,3-Dichloropropylene	10061-02-6	0.414	6.20	<6.20	ug/kg dry	5.L, 2.T
1,1,2-Trichloroethane	79-00-5	0.572	6.20	<6.20	ug/kg dry	2.T, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.867	6.20	<6.20	ug/kg dry	2.T, 5.L
1,3-Dichloropropane	142-28-9	0.455	6.20	<6.20	ug/kg dry	2.T, 5.L
Dibromochloromethane	124-48-1	0.405	6.20	<6.20	ug/kg dry	2.T, 5.L
Tetrachloroethylene	127-18-4	0.583	6.20	<6.20	ug/kg dry	2.T, 5.L
1,2-Dibromoethane	106-93-4	0.526	6.20	<6.20	ug/kg dry	2.T, 5.L
Chlorobenzene	108-90-7	0.527	6.20	<6.20	ug/kg dry	2.T, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.832	6.20	<6.20	ug/kg dry	2.T, 5.L
Ethylbenzene	100-41-4	0.446	6.20	<6.20	ug/kg dry	2.T, 5.L
m,p-Xylenes	108-38-3/106-42-3	0.683	12.4	<12.4	ug/kg dry	2.T, 5.L
Styrene	100-42-5	0.317	6.20	<6.20	ug/kg dry	2.T, 5.L
o-Xylene	95-47-6	0.311	6.20	<6.20	ug/kg dry	2.T, 5.L
Bromoform	75-25-2	0.445	6.20	<6.20	ug/kg dry	5.L, 2.T
1,1,2,2-Tetrachloroethane	79-34-5	0.436	6.20	<6.20	ug/kg dry	2.T, 5.L
Isopropylbenzene (Cumene)	98-82-8	0.311	6.20	<6.20	ug/kg dry	2.T, 5.L
1,2,3-Trichloropropane	96-18-4	0.686	6.20	<6.20	ug/kg dry	2.T, 5.L
Bromobenzene	108-86-1	0.412	6.20	<6.20	ug/kg dry	2.T, 5.L
n-Propylbenzene	103-65-1	0.431	6.20	<6.20	ug/kg dry	2.T, 5.L
2-Chlorotoluene	95-49-8	0.480	6.20	<6.20	ug/kg dry	2.T, 5.L
4-Ethyltoluene	622-96-8	0.454	6.20	<6.20	ug/kg dry	2.B, 2.T, 5.L
4-Chlorotoluene	106-43-4	0.379	6.20	<6.20	ug/kg dry	2.T, 5.L
1,3,5-Trimethylbenzene	108-67-8	0.394	6.20	<6.20	ug/kg dry	2.T, 5.L
tert-Butylbenzene	98-06-6	0.563	6.20	<6.20	ug/kg dry	2.T, 5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03 % Solid:80.66
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.433	6.20	<6.20	ug/kg dry	2.T, 5.L
sec-Butylbenzene	135-98-8	0.386	6.20	<6.20	ug/kg dry	2.T, 5.L
1,3-Dichlorobenzene	541-73-1	1.76	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
4-Isopropyltoluene	99-87-6	2.45	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
1,4-Dichlorobenzene	106-46-7	2.52	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
1,2-Dichlorobenzene	95-50-1	2.68	31.0	<31.0	ug/kg dry	3.A, 5.L, 2.T
1,4-Diethylbenzene	105-05-5	1.59	31.0	<31.0	ug/kg dry	2.B, 2.T, 3.A, 5.L
n-Butylbenzene	104-51-8	1.87	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	3.81	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	1.62	31.0	<31.0	ug/kg dry	2.B, 2.T, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	1.91	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
Naphthalene	91-20-3	3.66	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
Hexachlorobutadiene	87-68-3	1.80	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	3.46	31.0	<31.0	ug/kg dry	2.T, 3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	93	70-130	
1,2-Dichloroethane-d4	10706-07-0	73	70-130	
Toluene-d8	2037-26-5	117	70-130	
4-Bromofluorobenzene	460-00-4	105	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	76	50-200	
1,4-Difluorobenzene	540-36-3	76	50-200	
Chlorobenzene-d5	3114-55-4	62	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	59	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/26/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03	% Solid:80.66	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	105	837	<837	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	174	248	<248	ug/kg dry	3.A
Phenol	108-95-2	99.2	248	<248	ug/kg dry	3.A
Aniline	62-53-3	86.8	248	<248	ug/kg dry	3.A, 4.J
2-Chlorophenol	95-57-8	112	248	<248	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	161	248	<248	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	99.2	248	<248	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	118	248	<248	ug/kg dry	3.A
Benzyl alcohol	100-51-6	93.0	248	<248	ug/kg dry	3.A, 4.J
1,2-Dichlorobenzene	95-50-1	99.2	248	<248	ug/kg dry	3.A
2-Methylphenol	95-48-7	143	248	<248	ug/kg dry	3.A
Bis(2-chloroisopropyl)ether	39638-32-9	155	248	<248	ug/kg dry	3.A
Hexachloroethane	67-72-1	124	248	<248	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	112	248	<248	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	93.0	248	<248	ug/kg dry	3.A
Nitrobenzene	98-95-3	112	248	<248	ug/kg dry	3.A
Isophorone	78-59-1	86.8	248	<248	ug/kg dry	3.A
2-Nitrophenol	88-75-5	174	248	<248	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	180	248	<248	ug/kg dry	3.A
Benzoic Acid	65-85-0	149	248	<248	ug/kg dry	3.A, 4.J
bis(2-Chloroethoxy)methane	111-91-1	124	248	<248	ug/kg dry	3.A
2,4-Dichlorophenol	120-83-2	86.8	248	<248	ug/kg dry	3.A
1,2,4-Trichlorobenzene	120-82-1	124	248	<248	ug/kg dry	3.A
Naphthalene	91-20-3	99.2	248	<248	ug/kg dry	3.A
4-Chloroaniline	106-47-8	86.8	248	<248	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	174	248	<248	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	192	248	<248	ug/kg dry	3.A
2-Methylnaphthalene	91-57-6	130	248	<248	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	112	248	<248	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	112	248	<248	ug/kg dry	3.A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03	% Solid:80.66
Matrix: Soil	ELAP: #11693	

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	155	248	<248	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	86.8	248	<248	ug/kg dry	3.A
2-Nitroaniline	88-74-4	211	248	<248	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	105	248	<248	ug/kg dry	3.A
Acenaphthylene	208-96-8	136	248	277	ug/kg dry	3.E
2,6-Dinitrotoluene	606-20-2	130	248	<248	ug/kg dry	3.A
3-Nitroaniline	99-09-2	198	248	<248	ug/kg dry	3.A
Acenaphthene	83-32-9	143	248	438	ug/kg dry	3.E
2,4-Dinitrophenol	51-28-5	86.8	837	<837	ug/kg dry	3.A, 4.J
Dibenzofuran	132-64-9	118	248	<248	ug/kg dry	3.A
4-Nitrophenol	100-02-7	99.2	837	<837	ug/kg dry	3.A
2,4-Dinitrotoluene	121-14-2	86.8	248	<248	ug/kg dry	3.A
Fluorene	86-73-7	136	248	463	ug/kg dry	3.E
Diethyl phthalate	84-66-2	124	248	<248	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	118	248	<248	ug/kg dry	3.A
4-Nitroaniline	100-01-6	124	248	<248	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	112	837	<837	ug/kg dry	4.J, 3.A
N-Nitrosodiphenylamine	86-30-6	112	248	<248	ug/kg dry	3.A
4-Bromophenyl phenyl ether	101-55-3	112	248	<248	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	124	248	<248	ug/kg dry	3.A
Pentachlorophenol	87-86-5	105	248	<248	ug/kg dry	3.A
Phenanthrene	85-01-8	136	248	4100	ug/kg dry	3.E
Anthracene	120-12-7	112	248	1020	ug/kg dry	3.E
Carbazole	86-74-8	105	248	376	ug/kg dry	3.E
Di-n-butyl phthalate	84-74-2	136	248	6890	ug/kg dry	3.E
Parathion (ethyl)	56-38-2	322	372	<372	ug/kg dry	3.A
Fluoranthene	206-44-0	124	248	5980	ug/kg dry	3.E
Pyrene	129-00-0	130	248	5650	ug/kg dry	3.E
Butyl benzyl phthalate	85-68-7	118	248	1500	ug/kg dry	3.E

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03 % Solid:80.66
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	149	248	3080	ug/kg dry	3.E
Chrysene	218-01-9	130	248	3030	ug/kg dry	3.E
3,3'-Dichlorobenzidine	91-94-1	86.8	248	<248	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	130	248	917	ug/kg dry	3.E
Di-n-octyl phthalate	117-84-0	86.8	248	<248	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	112	248	3330	ug/kg dry	3.E
Benzo(k)fluoranthene	207-08-9	143	248	1270	ug/kg dry	3.E
Benzo(a)pyrene	50-32-8	130	248	2680	ug/kg dry	3.E
Indeno(1,2,3-cd)pyrene	193-39-5	167	248	2110	ug/kg dry	3.E
Dibenzo(a,h)anthracene	53-70-3	161	248	517	ug/kg dry	3.E
Benzo(g,h,i)perylene	191-24-2	143	248	1910	ug/kg dry	3.E

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	76	25-121	3.E
Phenol-d6	13127-88-3	84	24-113	3.E
Nitrobenzene-d5	4165-60-0	78	23-120	3.E
2-Fluorobiphenyl	321-60-8	64	30-115	3.E
2,4,6-Tribromophenol	118-79-6	87	19-122	3.E
Terphenyl-d14	1718-51-0	81	18-137	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	106	50-200	
Naphthalene-d8	1146-65-2	107	50-200	
Acenaphthene-d10	15067-26-2	104	50-200	
Phenanthrene-d10	1517-22-2	99	50-200	
Chrysene-d12	1719-03-5	103	50-200	
Perylene-d12	1520-96-3	99	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03 % Solid:80.66
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.301	6.20	<6.20	ug/kg dry	
gamma-BHC	58-89-9	0.307	6.20	<6.20	ug/kg dry	
beta-BHC	319-85-7	0.519	6.20	<6.20	ug/kg dry	
delta-BHC	319-86-8	0.376	6.20	<6.20	ug/kg dry	
Heptachlor	76-44-8	0.341	6.20	<6.20	ug/kg dry	
Aldrin	309-00-2	0.476	6.20	<6.20	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.550	6.20	<6.20	ug/kg dry	
trans-Chlordane	5103-74-2	0.785	6.20	9.77	ug/kg dry	
cis-Chlordane	5103-71-9	0.524	6.20	15.3	ug/kg dry	
4,4'-DDE	72-55-9	0.317	3.72	45.6	ug/kg dry	
Endosulfan I	959-98-8	0.599	6.20	<6.20	ug/kg dry	
Dieldrin	60-57-1	0.495	6.20	11.5	ug/kg dry	
Endrin	72-20-8	0.568	6.20	<6.20	ug/kg dry	
4,4'-DDD	72-54-8	0.564	3.72	34.3	ug/kg dry	
Endosulfan II	33213-65-9	1.06	6.20	<6.20	ug/kg dry	
4,4'-DDT	50-29-3	0.819	3.72	261	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.873	6.20	9.67	ug/kg dry	
Methoxychlor	72-43-5	1.36	6.20	<6.20	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.45	6.20	<6.20	ug/kg dry	
Endrin Ketone	53494-70-5	1.25	6.20	<6.20	ug/kg dry	
Toxaphene	8001-35-2	8.53	124	<124	ug/kg dry	
Chlordane	12789-03-6	1.68	18.6	51.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	98	70-130	
Decachlorobiphenyl	2051-24-3	87	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	101	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/27/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03 % Solid:80.66
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	7.41	62.0	<62.0	ug/kg dry	
Aroclor-1260	11096-82-5	4.54	62.0	<62.0	ug/kg dry	
Aroclor-1221	11104-28-2	4.96	62.0	<62.0	ug/kg dry	
Aroclor-1232	11141-16-5	4.96	62.0	<62.0	ug/kg dry	
Aroclor-1242	53469-21-9	4.96	62.0	<62.0	ug/kg dry	
Aroclor-1248	12672-29-6	4.96	62.0	<62.0	ug/kg dry	
Aroclor-1254	11097-69-1	4.96	62.0	<62.0	ug/kg dry	
Aroclor-1262	37324-23-5	4.96	62.0	<62.0	ug/kg dry	
Aroclor-1268	11100-14-4	4.96	62.0	<62.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	101	70-130	
Decachlorobiphenyl	2051-24-3	95	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	92	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:10	Sample ID: B-2 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-03 % Solid:80.66
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.75	11.8	6840	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.81	1.97	<1.97	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.21	1.97	3.21	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	1.84	9.83	424	mg/kg dry	3.E
Beryllium	02/26/2014	EPA 6010 C	0.21	1.97	<1.97	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.20	1.94	<1.94	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	3.07	58.8	35800	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.20	1.97	14.0	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.192	1.97	5.34	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.17	1.97	17.2	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.87	29.4	15000	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.19	1.97	199	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.765	5.88	3040	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.27	1.97	292	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.22	1.97	8.94	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.88	11.8	1570	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.66	1.97	<1.97	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.16	1.97	<1.97	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.973	5.88	570	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.34	1.97	2.06	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.23	1.97	14.2	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.51	1.97	289	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.14	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.12	<0.12	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.578	5.29	<5.29	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.617	5.29	<5.29	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.676	5.29	<5.29	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.402	5.29	<5.29	ug/kg dry	5.L
Bromomethane	74-83-9	1.76	5.29	<5.29	ug/kg dry	5.L
Chloroethane	75-00-3	0.361	5.29	<5.29	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.548	5.29	<5.29	ug/kg dry	5.L
Acetone	67-64-1	6.16	52.9	<52.9	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.469	5.29	<5.29	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.83	5.29	<5.29	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.452	5.29	<5.29	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.673	5.29	<5.29	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.19	5.29	<5.29	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.375	5.29	<5.29	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.407	5.29	<5.29	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.489	5.29	<5.29	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.579	5.29	<5.29	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.59	10.6	<10.6	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.450	5.29	<5.29	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.335	5.29	<5.29	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.627	5.29	<5.29	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.562	5.29	<5.29	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.391	5.29	<5.29	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.517	5.29	<5.29	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.500	5.29	<5.29	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.507	5.29	<5.29	ug/kg dry	5.L
Benzene	71-43-2	0.382	5.29	<5.29	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.578	5.29	<5.29	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.549	5.29	<5.29	ug/kg dry	5.L
Dibromomethane	74-95-3	0.431	5.29	<5.29	ug/kg dry	5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04	% Solid:94.46	
Matrix: Soil	ELAP: #11693		

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	24.4	52.9	<52.9	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.455	5.29	<5.29	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.607	10.6	<10.6	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.454	5.29	<5.29	ug/kg dry	5.L
Toluene	108-88-3	0.414	5.29	<5.29	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.354	5.29	<5.29	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.488	5.29	<5.29	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.740	5.29	<5.29	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.389	5.29	<5.29	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.346	5.29	<5.29	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.498	5.29	<5.29	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.449	5.29	<5.29	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.450	5.29	<5.29	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.710	5.29	<5.29	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.381	5.29	<5.29	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.583	10.6	<10.6	ug/kg dry	5.L
Styrene	100-42-5	0.271	5.29	<5.29	ug/kg dry	5.L
o-Xylene	95-47-6	0.266	5.29	<5.29	ug/kg dry	5.L
Bromoform	75-25-2	0.380	5.29	<5.29	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.373	5.29	<5.29	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.266	5.29	<5.29	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.585	5.29	<5.29	ug/kg dry	5.L
Bromobenzene	108-86-1	0.351	5.29	<5.29	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.368	5.29	<5.29	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.410	5.29	<5.29	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.387	5.29	<5.29	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.324	5.29	<5.29	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.337	5.29	<5.29	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.481	5.29	<5.29	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.369	5.29	<5.29	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.329	5.29	<5.29	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.301	5.29	<5.29	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.418	5.29	<5.29	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.431	5.29	<5.29	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.457	5.29	<5.29	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.271	5.29	<5.29	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.320	5.29	<5.29	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.651	5.29	<5.29	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.277	5.29	<5.29	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.326	5.29	<5.29	ug/kg dry	5.L
Naphthalene	91-20-3	0.625	5.29	<5.29	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.307	5.29	<5.29	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.591	5.29	<5.29	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	86	70-130	
1,2-Dichloroethane-d4	10706-07-0	76	70-130	
Toluene-d8	2037-26-5	104	70-130	
4-Bromofluorobenzene	460-00-4	103	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	82	50-200	
1,4-Difluorobenzene	540-36-3	83	50-200	
Chlorobenzene-d5	3114-55-4	80	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	66	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	18.0	143	<143	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.6	42.3	<42.3	ug/kg dry	
Phenol	108-95-2	16.9	42.3	<42.3	ug/kg dry	
Aniline	62-53-3	14.8	42.3	<42.3	ug/kg dry	4.J
2-Chlorophenol	95-57-8	19.1	42.3	<42.3	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.5	42.3	<42.3	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	16.9	42.3	<42.3	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	20.1	42.3	<42.3	ug/kg dry	
Benzyl alcohol	100-51-6	15.9	42.3	<42.3	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	16.9	42.3	<42.3	ug/kg dry	
2-Methylphenol	95-48-7	24.3	42.3	<42.3	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	26.5	42.3	<42.3	ug/kg dry	
Hexachloroethane	67-72-1	21.2	42.3	<42.3	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	19.1	42.3	<42.3	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	15.9	42.3	<42.3	ug/kg dry	
Nitrobenzene	98-95-3	19.1	42.3	<42.3	ug/kg dry	
Isophorone	78-59-1	14.8	42.3	<42.3	ug/kg dry	
2-Nitrophenol	88-75-5	29.6	42.3	<42.3	ug/kg dry	
2,4-Dimethylphenol	105-67-9	30.7	42.3	<42.3	ug/kg dry	
Benzoic Acid	65-85-0	25.4	42.3	<42.3	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	21.2	42.3	<42.3	ug/kg dry	
2,4-Dichlorophenol	120-83-2	14.8	42.3	<42.3	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	21.2	42.3	<42.3	ug/kg dry	
Naphthalene	91-20-3	16.9	42.3	<42.3	ug/kg dry	
4-Chloroaniline	106-47-8	14.8	42.3	<42.3	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.6	42.3	<42.3	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	32.8	42.3	<42.3	ug/kg dry	
2-Methylnaphthalene	91-57-6	22.2	42.3	<42.3	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	19.1	42.3	<42.3	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	19.1	42.3	<42.3	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	26.5	42.3	<42.3	ug/kg dry	
2-Chloronaphthalene	91-58-7	14.8	42.3	<42.3	ug/kg dry	
2-Nitroaniline	88-74-4	36.0	42.3	<42.3	ug/kg dry	
Dimethyl phthalate	131-11-3	18.0	42.3	<42.3	ug/kg dry	
Acenaphthylene	208-96-8	23.3	42.3	<42.3	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	22.2	42.3	<42.3	ug/kg dry	
3-Nitroaniline	99-09-2	33.9	42.3	<42.3	ug/kg dry	
Acenaphthene	83-32-9	24.3	42.3	<42.3	ug/kg dry	
2,4-Dinitrophenol	51-28-5	14.8	143	<143	ug/kg dry	4.J
Dibenzofuran	132-64-9	20.1	42.3	<42.3	ug/kg dry	
4-Nitrophenol	100-02-7	16.9	143	<143	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	14.8	42.3	<42.3	ug/kg dry	
Fluorene	86-73-7	23.3	42.3	<42.3	ug/kg dry	
Diethyl phthalate	84-66-2	21.2	42.3	<42.3	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	20.1	42.3	<42.3	ug/kg dry	
4-Nitroaniline	100-01-6	21.2	42.3	<42.3	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	19.1	143	<143	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	19.1	42.3	<42.3	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	19.1	42.3	<42.3	ug/kg dry	
Hexachlorobenzene	118-74-1	21.2	42.3	<42.3	ug/kg dry	
Pentachlorophenol	87-86-5	18.0	42.3	<42.3	ug/kg dry	
Phenanthrene	85-01-8	23.3	42.3	<42.3	ug/kg dry	
Anthracene	120-12-7	19.1	42.3	<42.3	ug/kg dry	
Carbazole	86-74-8	18.0	42.3	<42.3	ug/kg dry	
Di-n-butyl phthalate	84-74-2	23.3	42.3	<42.3	ug/kg dry	
Parathion (ethyl)	56-38-2	55.1	63.5	<63.5	ug/kg dry	
Fluoranthene	206-44-0	21.2	42.3	<42.3	ug/kg dry	
Pyrene	129-00-0	22.2	42.3	<42.3	ug/kg dry	
Butyl benzyl phthalate	85-68-7	20.1	42.3	<42.3	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	25.4	42.3	<42.3	ug/kg dry	
Chrysene	218-01-9	22.2	42.3	<42.3	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	14.8	42.3	<42.3	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	22.2	42.3	133	ug/kg dry	
Di-n-octyl phthalate	117-84-0	14.8	42.3	<42.3	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	19.1	42.3	<42.3	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	24.3	42.3	<42.3	ug/kg dry	
Benzo(a)pyrene	50-32-8	22.2	42.3	<42.3	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.6	42.3	<42.3	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.5	42.3	<42.3	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	24.3	42.3	<42.3	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	54	25-121	
Phenol-d6	13127-88-3	57	24-113	
Nitrobenzene-d5	4165-60-0	58	23-120	
2-Fluorobiphenyl	321-60-8	54	30-115	
2,4,6-Tribromophenol	118-79-6	63	19-122	
Terphenyl-d14	1718-51-0	59	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	104	50-200	
Naphthalene-d8	1146-65-2	109	50-200	
Acenaphthene-d10	15067-26-2	105	50-200	
Phenanthrene-d10	1517-22-2	99	50-200	
Chrysene-d12	1719-03-5	100	50-200	
Perylene-d12	1520-96-3	94	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.257	5.29	<5.29	ug/kg dry	
gamma-BHC	58-89-9	0.263	5.29	<5.29	ug/kg dry	
beta-BHC	319-85-7	0.444	5.29	<5.29	ug/kg dry	
delta-BHC	319-86-8	0.321	5.29	<5.29	ug/kg dry	
Heptachlor	76-44-8	0.291	5.29	<5.29	ug/kg dry	
Aldrin	309-00-2	0.407	5.29	<5.29	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.470	5.29	<5.29	ug/kg dry	
trans-Chlordane	5103-74-2	0.670	5.29	<5.29	ug/kg dry	
cis-Chlordane	5103-71-9	0.448	5.29	<5.29	ug/kg dry	
4,4'-DDE	72-55-9	0.271	3.18	<3.18	ug/kg dry	
Endosulfan I	959-98-8	0.511	5.29	<5.29	ug/kg dry	
Dieldrin	60-57-1	0.422	5.29	<5.29	ug/kg dry	
Endrin	72-20-8	0.485	5.29	<5.29	ug/kg dry	
4,4'-DDD	72-54-8	0.482	3.18	<3.18	ug/kg dry	
Endosulfan II	33213-65-9	0.901	5.29	<5.29	ug/kg dry	
4,4'-DDT	50-29-3	0.700	3.18	<3.18	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.745	5.29	<5.29	ug/kg dry	
Methoxychlor	72-43-5	1.16	5.29	<5.29	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.24	5.29	<5.29	ug/kg dry	
Endrin Ketone	53494-70-5	1.07	5.29	<5.29	ug/kg dry	
Toxaphene	8001-35-2	7.28	106	<106	ug/kg dry	
Chlordane	12789-03-6	1.44	15.9	<15.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	113	70-130	
Decachlorobiphenyl	2051-24-3	98	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	101	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.33	52.9	<52.9	ug/kg dry	
Aroclor-1260	11096-82-5	3.87	52.9	<52.9	ug/kg dry	
Aroclor-1221	11104-28-2	4.23	52.9	<52.9	ug/kg dry	
Aroclor-1232	11141-16-5	4.23	52.9	<52.9	ug/kg dry	
Aroclor-1242	53469-21-9	4.23	52.9	<52.9	ug/kg dry	
Aroclor-1248	12672-29-6	4.23	52.9	<52.9	ug/kg dry	
Aroclor-1254	11097-69-1	4.23	52.9	<52.9	ug/kg dry	
Aroclor-1262	37324-23-5	4.23	52.9	<52.9	ug/kg dry	
Aroclor-1268	11100-14-4	4.23	52.9	<52.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	107	70-130	
Decachlorobiphenyl	2051-24-3	82	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	98	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: B-2 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-04 % Solid:94.46
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.59	10.0	2600	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.64	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.16	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.29	1.55	21.7	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.16	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.16	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	2.43	46.4	8170	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.16	1.67	5.09	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.151	1.67	2.77	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.14	1.67	9.93	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	0.61	5.00	5860	mg/kg dry	4.M
Lead	02/26/2014	EPA 6010 C	0.15	1.67	3.09	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.604	5.00	3850	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.21	1.67	141	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.18	1.67	6.96	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.48	10.0	496	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.52	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.12	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.768	4.64	183	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.06	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.18	1.67	9.06	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.40	1.67	15.2	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05	% Solid:94.39
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.578	5.30	<5.30	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.618	5.30	<5.30	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.677	5.30	<5.30	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.403	5.30	<5.30	ug/kg dry	5.L
Bromomethane	74-83-9	1.76	5.30	<5.30	ug/kg dry	5.L
Chloroethane	75-00-3	0.361	5.30	<5.30	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.549	5.30	<5.30	ug/kg dry	5.L
Acetone	67-64-1	6.17	53.0	<53.0	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.469	5.30	<5.30	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.83	5.30	<5.30	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.452	5.30	<5.30	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.674	5.30	<5.30	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.19	5.30	<5.30	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.375	5.30	<5.30	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.407	5.30	<5.30	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.489	5.30	<5.30	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.579	5.30	<5.30	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.59	10.6	<10.6	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.450	5.30	<5.30	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.335	5.30	<5.30	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.627	5.30	<5.30	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.563	5.30	<5.30	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.391	5.30	<5.30	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.517	5.30	<5.30	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.500	5.30	<5.30	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.507	5.30	<5.30	ug/kg dry	5.L
Benzene	71-43-2	0.382	5.30	<5.30	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.578	5.30	<5.30	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.550	5.30	<5.30	ug/kg dry	5.L
Dibromomethane	74-95-3	0.431	5.30	<5.30	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05	% Solid:94.39
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	24.4	53.0	<53.0	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.456	5.30	<5.30	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.607	10.6	<10.6	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.454	5.30	<5.30	ug/kg dry	5.L
Toluene	108-88-3	0.414	5.30	<5.30	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.354	5.30	<5.30	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.488	5.30	<5.30	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.741	5.30	<5.30	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.389	5.30	<5.30	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.346	5.30	<5.30	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.498	5.30	<5.30	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.449	5.30	<5.30	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.450	5.30	<5.30	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.711	5.30	<5.30	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.381	5.30	<5.30	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.584	10.6	<10.6	ug/kg dry	5.L
Styrene	100-42-5	0.271	5.30	<5.30	ug/kg dry	5.L
o-Xylene	95-47-6	0.266	5.30	<5.30	ug/kg dry	5.L
Bromoform	75-25-2	0.380	5.30	<5.30	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	79-34-5	0.373	5.30	<5.30	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.266	5.30	<5.30	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.586	5.30	<5.30	ug/kg dry	5.L
Bromobenzene	108-86-1	0.352	5.30	<5.30	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.369	5.30	<5.30	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.410	5.30	<5.30	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.388	5.30	<5.30	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.324	5.30	<5.30	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.337	5.30	<5.30	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.481	5.30	<5.30	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05 % Solid:94.39
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.370	5.30	<5.30	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.329	5.30	<5.30	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.301	5.30	<5.30	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.418	5.30	<5.30	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.431	5.30	<5.30	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.458	5.30	<5.30	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.271	5.30	<5.30	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.320	5.30	<5.30	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.652	5.30	<5.30	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.278	5.30	<5.30	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.326	5.30	<5.30	ug/kg dry	5.L
Naphthalene	91-20-3	0.625	5.30	<5.30	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.307	5.30	<5.30	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.591	5.30	<5.30	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	91	70-130	
1,2-Dichloroethane-d4	10706-07-0	80	70-130	
Toluene-d8	2037-26-5	105	70-130	
4-Bromofluorobenzene	460-00-4	100	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	83	50-200	
1,4-Difluorobenzene	540-36-3	83	50-200	
Chlorobenzene-d5	3114-55-4	80	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	67	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05	% Solid:94.39	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	18.0	143	<143	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.7	42.4	<42.4	ug/kg dry	
Phenol	108-95-2	17.0	42.4	<42.4	ug/kg dry	
Aniline	62-53-3	14.8	42.4	<42.4	ug/kg dry	4.J
2-Chlorophenol	95-57-8	19.1	42.4	<42.4	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.5	42.4	<42.4	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	17.0	42.4	<42.4	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	20.1	42.4	<42.4	ug/kg dry	
Benzyl alcohol	100-51-6	15.9	42.4	<42.4	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	17.0	42.4	<42.4	ug/kg dry	
2-Methylphenol	95-48-7	24.4	42.4	<42.4	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	26.5	42.4	<42.4	ug/kg dry	
Hexachloroethane	67-72-1	21.2	42.4	<42.4	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	19.1	42.4	<42.4	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	15.9	42.4	<42.4	ug/kg dry	
Nitrobenzene	98-95-3	19.1	42.4	<42.4	ug/kg dry	
Isophorone	78-59-1	14.8	42.4	<42.4	ug/kg dry	
2-Nitrophenol	88-75-5	29.7	42.4	<42.4	ug/kg dry	
2,4-Dimethylphenol	105-67-9	30.7	42.4	<42.4	ug/kg dry	
Benzoic Acid	65-85-0	25.4	42.4	<42.4	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	21.2	42.4	<42.4	ug/kg dry	
2,4-Dichlorophenol	120-83-2	14.8	42.4	<42.4	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	21.2	42.4	<42.4	ug/kg dry	
Naphthalene	91-20-3	17.0	42.4	<42.4	ug/kg dry	
4-Chloroaniline	106-47-8	14.8	42.4	<42.4	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.7	42.4	<42.4	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	32.8	42.4	<42.4	ug/kg dry	
2-Methylnaphthalene	91-57-6	22.2	42.4	<42.4	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	19.1	42.4	<42.4	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	19.1	42.4	<42.4	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05 % Solid:94.39
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	26.5	42.4	<42.4	ug/kg dry	
2-Chloronaphthalene	91-58-7	14.8	42.4	<42.4	ug/kg dry	
2-Nitroaniline	88-74-4	36.0	42.4	<42.4	ug/kg dry	
Dimethyl phthalate	131-11-3	18.0	42.4	<42.4	ug/kg dry	
Acenaphthylene	208-96-8	23.3	42.4	<42.4	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	22.2	42.4	<42.4	ug/kg dry	
3-Nitroaniline	99-09-2	33.9	42.4	<42.4	ug/kg dry	
Acenaphthene	83-32-9	24.4	42.4	<42.4	ug/kg dry	
2,4-Dinitrophenol	51-28-5	14.8	143	<143	ug/kg dry	4.J
Dibenzofuran	132-64-9	20.1	42.4	<42.4	ug/kg dry	
4-Nitrophenol	100-02-7	17.0	143	<143	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	14.8	42.4	<42.4	ug/kg dry	
Fluorene	86-73-7	23.3	42.4	<42.4	ug/kg dry	
Diethyl phthalate	84-66-2	21.2	42.4	<42.4	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	20.1	42.4	<42.4	ug/kg dry	
4-Nitroaniline	100-01-6	21.2	42.4	<42.4	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	19.1	143	<143	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	19.1	42.4	<42.4	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	19.1	42.4	<42.4	ug/kg dry	
Hexachlorobenzene	118-74-1	21.2	42.4	<42.4	ug/kg dry	
Pentachlorophenol	87-86-5	18.0	42.4	<42.4	ug/kg dry	
Phenanthrene	85-01-8	23.3	42.4	78.4	ug/kg dry	
Anthracene	120-12-7	19.1	42.4	<42.4	ug/kg dry	
Carbazole	86-74-8	18.0	42.4	<42.4	ug/kg dry	
Di-n-butyl phthalate	84-74-2	23.3	42.4	<42.4	ug/kg dry	
Parathion (ethyl)	56-38-2	55.1	63.6	<63.6	ug/kg dry	
Fluoranthene	206-44-0	21.2	42.4	124	ug/kg dry	
Pyrene	129-00-0	22.2	42.4	117	ug/kg dry	
Butyl benzyl phthalate	85-68-7	20.1	42.4	<42.4	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05 % Solid:94.39
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	25.4	42.4	60.7	ug/kg dry	
Chrysene	218-01-9	22.2	42.4	67.1	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	14.8	42.4	<42.4	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	22.2	42.4	134	ug/kg dry	
Di-n-octyl phthalate	117-84-0	14.8	42.4	<42.4	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	19.1	42.4	66.4	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	24.4	42.4	<42.4	ug/kg dry	
Benzo(a)pyrene	50-32-8	22.2	42.4	49.4	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.6	42.4	54.4	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.5	42.4	<42.4	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	24.4	42.4	52.3	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	54	25-121	
Phenol-d6	13127-88-3	56	24-113	
Nitrobenzene-d5	4165-60-0	57	23-120	
2-Fluorobiphenyl	321-60-8	54	30-115	
2,4,6-Tribromophenol	118-79-6	61	19-122	
Terphenyl-d14	1718-51-0	58	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	111	50-200	
Naphthalene-d8	1146-65-2	116	50-200	
Acenaphthene-d10	15067-26-2	113	50-200	
Phenanthrene-d10	1517-22-2	108	50-200	
Chrysene-d12	1719-03-5	108	50-200	
Perylene-d12	1520-96-3	100	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05 % Solid:94.39
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.257	5.30	<5.30	ug/kg dry	
gamma-BHC	58-89-9	0.263	5.30	<5.30	ug/kg dry	
beta-BHC	319-85-7	0.444	5.30	<5.30	ug/kg dry	
delta-BHC	319-86-8	0.321	5.30	<5.30	ug/kg dry	
Heptachlor	76-44-8	0.291	5.30	<5.30	ug/kg dry	
Aldrin	309-00-2	0.407	5.30	<5.30	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.470	5.30	<5.30	ug/kg dry	
trans-Chlordane	5103-74-2	0.671	5.30	<5.30	ug/kg dry	
cis-Chlordane	5103-71-9	0.448	5.30	<5.30	ug/kg dry	
4,4'-DDE	72-55-9	0.271	3.18	3.77	ug/kg dry	
Endosulfan I	959-98-8	0.512	5.30	<5.30	ug/kg dry	
Dieldrin	60-57-1	0.423	5.30	<5.30	ug/kg dry	
Endrin	72-20-8	0.485	5.30	<5.30	ug/kg dry	
4,4'-DDD	72-54-8	0.482	3.18	<3.18	ug/kg dry	
Endosulfan II	33213-65-9	0.902	5.30	<5.30	ug/kg dry	
4,4'-DDT	50-29-3	0.700	3.18	11.6	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.746	5.30	<5.30	ug/kg dry	
Methoxychlor	72-43-5	1.16	5.30	<5.30	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.24	5.30	<5.30	ug/kg dry	
Endrin Ketone	53494-70-5	1.07	5.30	<5.30	ug/kg dry	
Toxaphene	8001-35-2	7.29	106	<106	ug/kg dry	
Chlordane	12789-03-6	1.44	15.9	<15.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	101	70-130	
Decachlorobiphenyl	2051-24-3	89	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	104	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05	% Solid:94.39	
Matrix: Soil	ELAP: #11693		

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.33	53.0	<53.0	ug/kg dry	
Aroclor-1260	11096-82-5	3.88	53.0	<53.0	ug/kg dry	
Aroclor-1221	11104-28-2	4.24	53.0	<53.0	ug/kg dry	
Aroclor-1232	11141-16-5	4.24	53.0	<53.0	ug/kg dry	
Aroclor-1242	53469-21-9	4.24	53.0	<53.0	ug/kg dry	
Aroclor-1248	12672-29-6	4.24	53.0	<53.0	ug/kg dry	
Aroclor-1254	11097-69-1	4.24	53.0	<53.0	ug/kg dry	
Aroclor-1262	37324-23-5	4.24	53.0	<53.0	ug/kg dry	
Aroclor-1268	11100-14-4	4.24	53.0	<53.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	101	70-130	
Decachlorobiphenyl	2051-24-3	80	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	102	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:35	Sample ID: B-3 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-05 % Solid:94.39
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	3.24	50.6	8430	mg/kg dry	3.E
Antimony	02/26/2014	EPA 6010 C	0.70	1.69	<1.69	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.18	1.69	<1.69	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.32	1.69	48.9	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.18	1.69	<1.69	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.17	1.67	<1.67	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.529	10.1	5000	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.17	1.69	17.0	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.165	1.69	5.59	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.15	1.69	18.6	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.33	25.3	14100	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.16	1.69	68.7	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.658	5.06	4090	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.23	1.69	283	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.19	1.69	10.5	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.62	10.1	932	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.57	1.69	<1.69	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.69	<1.69	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.837	5.06	177	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.16	1.69	1.72	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.20	1.69	21.9	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.44	1.69	45.0	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.55	mg/kg dry	3.E

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06	% Solid:93.63	
Matrix: Soil	ELAP: #11693		

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.583	5.34	<5.34	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.623	5.34	<5.34	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.683	5.34	<5.34	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.406	5.34	<5.34	ug/kg dry	5.L
Bromomethane	74-83-9	1.77	5.34	<5.34	ug/kg dry	5.L
Chloroethane	75-00-3	0.364	5.34	<5.34	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.553	5.34	<5.34	ug/kg dry	5.L
Acetone	67-64-1	6.22	53.4	<53.4	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.473	5.34	<5.34	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.85	5.34	<5.34	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.456	5.34	<5.34	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.679	5.34	<5.34	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.20	5.34	<5.34	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.378	5.34	<5.34	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.410	5.34	<5.34	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.493	5.34	<5.34	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.584	5.34	<5.34	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.61	10.7	<10.7	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.454	5.34	<5.34	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.338	5.34	<5.34	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.632	5.34	<5.34	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.567	5.34	<5.34	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.394	5.34	<5.34	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.521	5.34	<5.34	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.504	5.34	<5.34	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.512	5.34	<5.34	ug/kg dry	5.L
Benzene	71-43-2	0.386	5.34	<5.34	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.583	5.34	<5.34	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.554	5.34	<5.34	ug/kg dry	5.L
Dibromomethane	74-95-3	0.435	5.34	<5.34	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	24.6	53.4	<53.4	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.459	5.34	<5.34	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.612	10.7	<10.7	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.458	5.34	<5.34	ug/kg dry	5.L
Toluene	108-88-3	0.418	5.34	<5.34	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.357	5.34	<5.34	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.492	5.34	<5.34	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.747	5.34	<5.34	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.392	5.34	<5.34	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.349	5.34	<5.34	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.502	5.34	<5.34	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.453	5.34	<5.34	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.454	5.34	<5.34	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.717	5.34	<5.34	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.385	5.34	<5.34	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.589	10.7	<10.7	ug/kg dry	5.L
Styrene	100-42-5	0.273	5.34	<5.34	ug/kg dry	5.L
o-Xylene	95-47-6	0.268	5.34	<5.34	ug/kg dry	5.L
Bromoform	75-25-2	0.383	5.34	<5.34	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.376	5.34	<5.34	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.268	5.34	<5.34	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.591	5.34	<5.34	ug/kg dry	5.L
Bromobenzene	108-86-1	0.355	5.34	<5.34	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.372	5.34	<5.34	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.413	5.34	<5.34	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.391	5.34	<5.34	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.327	5.34	<5.34	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.340	5.34	<5.34	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.485	5.34	<5.34	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.373	5.34	<5.34	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.332	5.34	<5.34	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.303	5.34	<5.34	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.422	5.34	<5.34	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.435	5.34	<5.34	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.461	5.34	<5.34	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.273	5.34	<5.34	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.323	5.34	<5.34	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.657	5.34	<5.34	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.280	5.34	<5.34	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.329	5.34	<5.34	ug/kg dry	5.L
Naphthalene	91-20-3	0.630	5.34	<5.34	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.310	5.34	<5.34	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.596	5.34	<5.34	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	96	70-130	
1,2-Dichloroethane-d4	10706-07-0	81	70-130	
Toluene-d8	2037-26-5	104	70-130	
4-Bromofluorobenzene	460-00-4	101	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	82	50-200	
1,4-Difluorobenzene	540-36-3	84	50-200	
Chlorobenzene-d5	3114-55-4	81	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	67	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	18.2	144	<144	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.9	42.7	<42.7	ug/kg dry	
Phenol	108-95-2	17.1	42.7	<42.7	ug/kg dry	
Aniline	62-53-3	15.0	42.7	<42.7	ug/kg dry	4.J
2-Chlorophenol	95-57-8	19.2	42.7	<42.7	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.8	42.7	<42.7	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	17.1	42.7	<42.7	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	20.3	42.7	<42.7	ug/kg dry	
Benzyl alcohol	100-51-6	16.0	42.7	<42.7	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	17.1	42.7	<42.7	ug/kg dry	
2-Methylphenol	95-48-7	24.6	42.7	<42.7	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	26.7	42.7	<42.7	ug/kg dry	
Hexachloroethane	67-72-1	21.4	42.7	<42.7	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	19.2	42.7	<42.7	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	16.0	42.7	<42.7	ug/kg dry	
Nitrobenzene	98-95-3	19.2	42.7	<42.7	ug/kg dry	
Isophorone	78-59-1	15.0	42.7	<42.7	ug/kg dry	
2-Nitrophenol	88-75-5	29.9	42.7	<42.7	ug/kg dry	
2,4-Dimethylphenol	105-67-9	31.0	42.7	<42.7	ug/kg dry	
Benzoic Acid	65-85-0	25.6	42.7	<42.7	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	21.4	42.7	<42.7	ug/kg dry	
2,4-Dichlorophenol	120-83-2	15.0	42.7	<42.7	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	21.4	42.7	<42.7	ug/kg dry	
Naphthalene	91-20-3	17.1	42.7	<42.7	ug/kg dry	
4-Chloroaniline	106-47-8	15.0	42.7	<42.7	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.9	42.7	<42.7	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	33.1	42.7	<42.7	ug/kg dry	
2-Methylnaphthalene	91-57-6	22.4	42.7	<42.7	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	19.2	42.7	<42.7	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	19.2	42.7	<42.7	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	26.7	42.7	<42.7	ug/kg dry	
2-Chloronaphthalene	91-58-7	15.0	42.7	<42.7	ug/kg dry	
2-Nitroaniline	88-74-4	36.3	42.7	<42.7	ug/kg dry	
Dimethyl phthalate	131-11-3	18.2	42.7	<42.7	ug/kg dry	
Acenaphthylene	208-96-8	23.5	42.7	<42.7	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	22.4	42.7	<42.7	ug/kg dry	
3-Nitroaniline	99-09-2	34.2	42.7	<42.7	ug/kg dry	
Acenaphthene	83-32-9	24.6	42.7	<42.7	ug/kg dry	
2,4-Dinitrophenol	51-28-5	15.0	144	<144	ug/kg dry	4.J
Dibenzofuran	132-64-9	20.3	42.7	<42.7	ug/kg dry	
4-Nitrophenol	100-02-7	17.1	144	<144	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	15.0	42.7	<42.7	ug/kg dry	
Fluorene	86-73-7	23.5	42.7	<42.7	ug/kg dry	
Diethyl phthalate	84-66-2	21.4	42.7	<42.7	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	20.3	42.7	<42.7	ug/kg dry	
4-Nitroaniline	100-01-6	21.4	42.7	<42.7	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	19.2	144	<144	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	19.2	42.7	<42.7	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	19.2	42.7	<42.7	ug/kg dry	
Hexachlorobenzene	118-74-1	21.4	42.7	<42.7	ug/kg dry	
Pentachlorophenol	87-86-5	18.2	42.7	<42.7	ug/kg dry	
Phenanthrene	85-01-8	23.5	42.7	<42.7	ug/kg dry	
Anthracene	120-12-7	19.2	42.7	<42.7	ug/kg dry	
Carbazole	86-74-8	18.2	42.7	<42.7	ug/kg dry	
Di-n-butyl phthalate	84-74-2	23.5	42.7	<42.7	ug/kg dry	
Parathion (ethyl)	56-38-2	55.5	64.1	<64.1	ug/kg dry	
Fluoranthene	206-44-0	21.4	42.7	<42.7	ug/kg dry	
Pyrene	129-00-0	22.4	42.7	<42.7	ug/kg dry	
Butyl benzyl phthalate	85-68-7	20.3	42.7	<42.7	ug/kg dry	



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	25.6	42.7	<42.7	ug/kg dry	
Chrysene	218-01-9	22.4	42.7	<42.7	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	15.0	42.7	<42.7	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	22.4	42.7	78.3	ug/kg dry	
Di-n-octyl phthalate	117-84-0	15.0	42.7	<42.7	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	19.2	42.7	<42.7	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	24.6	42.7	<42.7	ug/kg dry	
Benzo(a)pyrene	50-32-8	22.4	42.7	<42.7	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.8	42.7	<42.7	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.8	42.7	<42.7	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	24.6	42.7	<42.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	49	25-121	
Phenol-d6	13127-88-3	52	24-113	
Nitrobenzene-d5	4165-60-0	53	23-120	
2-Fluorobiphenyl	321-60-8	49	30-115	
2,4,6-Tribromophenol	118-79-6	59	19-122	
Terphenyl-d14	1718-51-0	55	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	109	50-200	
Naphthalene-d8	1146-65-2	112	50-200	
Acenaphthene-d10	15067-26-2	110	50-200	
Phenanthrene-d10	1517-22-2	108	50-200	
Chrysene-d12	1719-03-5	107	50-200	
Perylene-d12	1520-96-3	99	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.260	5.34	<5.34	ug/kg dry	
gamma-BHC	58-89-9	0.265	5.34	<5.34	ug/kg dry	
beta-BHC	319-85-7	0.448	5.34	<5.34	ug/kg dry	
delta-BHC	319-86-8	0.324	5.34	<5.34	ug/kg dry	
Heptachlor	76-44-8	0.294	5.34	<5.34	ug/kg dry	
Aldrin	309-00-2	0.410	5.34	<5.34	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.474	5.34	<5.34	ug/kg dry	
trans-Chlordane	5103-74-2	0.676	5.34	<5.34	ug/kg dry	
cis-Chlordane	5103-71-9	0.452	5.34	<5.34	ug/kg dry	
4,4'-DDE	72-55-9	0.273	3.20	<3.20	ug/kg dry	
Endosulfan I	959-98-8	0.516	5.34	<5.34	ug/kg dry	
Dieldrin	60-57-1	0.426	5.34	<5.34	ug/kg dry	
Endrin	72-20-8	0.489	5.34	<5.34	ug/kg dry	
4,4'-DDD	72-54-8	0.486	3.20	<3.20	ug/kg dry	
Endosulfan II	33213-65-9	0.909	5.34	<5.34	ug/kg dry	
4,4'-DDT	50-29-3	0.706	3.20	<3.20	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.752	5.34	<5.34	ug/kg dry	
Methoxychlor	72-43-5	1.17	5.34	<5.34	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.25	5.34	<5.34	ug/kg dry	
Endrin Ketone	53494-70-5	1.08	5.34	<5.34	ug/kg dry	
Toxaphene	8001-35-2	7.35	107	<107	ug/kg dry	
Chlordane	12789-03-6	1.45	16.0	<16.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	97	70-130	
Decachlorobiphenyl	2051-24-3	85	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	107	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.38	53.4	<53.4	ug/kg dry	
Aroclor-1260	11096-82-5	3.91	53.4	<53.4	ug/kg dry	
Aroclor-1221	11104-28-2	4.27	53.4	<53.4	ug/kg dry	
Aroclor-1232	11141-16-5	4.27	53.4	<53.4	ug/kg dry	
Aroclor-1242	53469-21-9	4.27	53.4	<53.4	ug/kg dry	
Aroclor-1248	12672-29-6	4.27	53.4	<53.4	ug/kg dry	
Aroclor-1254	11097-69-1	4.27	53.4	<53.4	ug/kg dry	
Aroclor-1262	37324-23-5	4.27	53.4	<53.4	ug/kg dry	
Aroclor-1268	11100-14-4	4.27	53.4	<53.4	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	93	70-130	
Decachlorobiphenyl	2051-24-3	73	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	110	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:50	Sample ID: B-3 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-06 % Solid:93.63
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.57	10.0	2990	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.62	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.16	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.28	1.49	27.1	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.16	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.15	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.468	10.0	1170	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.15	1.67	7.95	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.146	1.67	4.30	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.13	1.67	11.6	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	2.94	22.4	11900	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.15	1.67	3.03	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.582	5.00	1510	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.20	1.67	251	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.17	1.67	7.05	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.43	10.0	490	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.51	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.12	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.740	4.48	96.9	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.02	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.17	1.67	17.1	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.39	1.67	15.8	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07	% Solid:92.87
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.588	5.38	<5.38	ug/kg dry	2.T, 5.L
Chlorodifluoromethane	75-45-6	0.628	5.38	<5.38	ug/kg dry	2.B, 2.T, 5.L
Chloromethane	74-87-3	0.688	5.38	<5.38	ug/kg dry	2.T, 5.L
Vinyl chloride	75-01-4	0.409	5.38	<5.38	ug/kg dry	2.T, 5.L
Bromomethane	74-83-9	1.79	5.38	<5.38	ug/kg dry	2.T, 5.L
Chloroethane	75-00-3	0.367	5.38	<5.38	ug/kg dry	2.T, 5.L
Trichlorofluoromethane	75-69-4	0.558	5.38	<5.38	ug/kg dry	2.T, 5.L
Acetone	67-64-1	6.27	53.8	<53.8	ug/kg dry	2.T, 5.L
1,1-Dichloroethylene	75-35-4	0.477	5.38	<5.38	ug/kg dry	2.T, 5.L
tert-Butyl alcohol	75-65-0	1.86	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.460	5.38	<5.38	ug/kg dry	2.T, 5.L
Acrylonitrile	107-13-1	0.685	5.38	<5.38	ug/kg dry	2.T, 5.L
Methylene Chloride	75-09-2	1.21	5.38	<5.38	ug/kg dry	2.T, 5.L
Carbon disulfide	75-15-0	0.381	5.38	<5.38	ug/kg dry	2.T, 5.L
Methyl-tert-Butyl Ether	1634-04-4	0.413	5.38	<5.38	ug/kg dry	2.T, 5.L
trans-1,2-Dichloroethylene	156-60-5	0.497	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1-Dichloroethane	75-34-3	0.589	5.38	<5.38	ug/kg dry	2.T, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.62	10.8	<10.8	ug/kg dry	2.T, 5.L
cis-1,2-Dichloroethylene	156-59-2	0.458	5.38	<5.38	ug/kg dry	2.T, 5.L
2,2-Dichloropropane	594-20-7	0.340	5.38	<5.38	ug/kg dry	2.T, 5.L
Bromochloromethane	74-97-5	0.637	5.38	<5.38	ug/kg dry	2.T, 4.M, 5.L
Chloroform	67-66-3	0.572	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1,1-Trichloroethane	71-55-6	0.397	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2-Dichloroethane	107-06-2	0.525	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1-Dichloropropylene	563-58-6	0.508	5.38	<5.38	ug/kg dry	2.T, 5.L
Carbon Tetrachloride	56-23-5	0.516	5.38	<5.38	ug/kg dry	2.T, 5.L
Benzene	71-43-2	0.389	5.38	<5.38	ug/kg dry	2.T, 5.L
Trichloroethylene	79-01-6	0.588	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2-Dichloropropane	78-87-5	0.559	5.38	<5.38	ug/kg dry	2.T, 5.L
Dibromomethane	74-95-3	0.438	5.38	<5.38	ug/kg dry	2.T, 5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07	% Solid:92.87	
Matrix: Soil	ELAP: #11693		

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	24.8	53.8	<53.8	ug/kg dry	5.L, 2.T
Bromodichloromethane	75-27-4	0.463	5.38	<5.38	ug/kg dry	2.T, 5.L
4-Methyl-2-Pentanone	108-10-1	0.617	10.8	<10.8	ug/kg dry	2.T, 5.L
cis-1,3-Dichloropropylene	10061-01-5	0.462	5.38	<5.38	ug/kg dry	2.T, 5.L
Toluene	108-88-3	0.421	5.38	<5.38	ug/kg dry	2.T, 5.L
trans-1,3-Dichloropropylene	10061-02-6	0.360	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1,2-Trichloroethane	79-00-5	0.496	5.38	<5.38	ug/kg dry	2.T, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.753	5.38	<5.38	ug/kg dry	2.T, 5.L
1,3-Dichloropropane	142-28-9	0.395	5.38	<5.38	ug/kg dry	2.T, 5.L
Dibromochloromethane	124-48-1	0.352	5.38	<5.38	ug/kg dry	2.T, 5.L
Tetrachloroethylene	127-18-4	0.506	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2-Dibromoethane	106-93-4	0.457	5.38	<5.38	ug/kg dry	2.T, 5.L
Chlorobenzene	108-90-7	0.458	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.723	5.38	<5.38	ug/kg dry	2.T, 5.L
Ethylbenzene	100-41-4	0.388	5.38	<5.38	ug/kg dry	2.T, 5.L
m,p-Xylenes	108-38-3/106-42-3	0.593	10.8	<10.8	ug/kg dry	2.T, 5.L
Styrene	100-42-5	0.276	5.38	<5.38	ug/kg dry	2.T, 5.L
o-Xylene	95-47-6	0.270	5.38	<5.38	ug/kg dry	2.T, 5.L
Bromoform	75-25-2	0.387	5.38	<5.38	ug/kg dry	2.T, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.379	5.38	<5.38	ug/kg dry	2.T, 5.L
Isopropylbenzene (Cumene)	98-82-8	0.270	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2,3-Trichloropropane	96-18-4	0.595	5.38	<5.38	ug/kg dry	2.T, 5.L
Bromobenzene	108-86-1	0.357	5.38	<5.38	ug/kg dry	2.T, 5.L
n-Propylbenzene	103-65-1	0.375	5.38	<5.38	ug/kg dry	2.T, 5.L
2-Chlorotoluene	95-49-8	0.417	5.38	<5.38	ug/kg dry	2.T, 5.L
4-Ethyltoluene	622-96-8	0.394	5.38	<5.38	ug/kg dry	2.B, 2.T, 5.L
4-Chlorotoluene	106-43-4	0.329	5.38	<5.38	ug/kg dry	2.T, 5.L
1,3,5-Trimethylbenzene	108-67-8	0.342	5.38	<5.38	ug/kg dry	2.T, 5.L
tert-Butylbenzene	98-06-6	0.489	5.38	<5.38	ug/kg dry	2.T, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07 % Solid:92.87
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.376	5.38	<5.38	ug/kg dry	2.T, 5.L
sec-Butylbenzene	135-98-8	0.335	5.38	<5.38	ug/kg dry	2.T, 5.L
1,3-Dichlorobenzene	541-73-1	0.306	5.38	<5.38	ug/kg dry	2.T, 5.L
4-Isopropyltoluene	99-87-6	0.425	5.38	<5.38	ug/kg dry	2.T, 5.L
1,4-Dichlorobenzene	106-46-7	0.438	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2-Dichlorobenzene	95-50-1	0.465	5.38	<5.38	ug/kg dry	2.T, 5.L
1,4-Diethylbenzene	105-05-5	0.276	5.38	<5.38	ug/kg dry	2.B, 2.T, 5.L
n-Butylbenzene	104-51-8	0.325	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.662	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.282	5.38	<5.38	ug/kg dry	2.B, 2.T, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.332	5.38	<5.38	ug/kg dry	2.T, 5.L
Naphthalene	91-20-3	0.635	5.38	<5.38	ug/kg dry	2.T, 5.L
Hexachlorobutadiene	87-68-3	0.312	5.38	<5.38	ug/kg dry	2.T, 5.L
1,2,3-Trichlorobenzene	87-61-6	0.601	5.38	<5.38	ug/kg dry	2.T, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	93	70-130	
1,2-Dichloroethane-d4	10706-07-0	75	70-130	
Toluene-d8	2037-26-5	108	70-130	
4-Bromofluorobenzene	460-00-4	110	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	81	50-200	
1,4-Difluorobenzene	540-36-3	81	50-200	
Chlorobenzene-d5	3114-55-4	73	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	54	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07	% Solid:92.87
Matrix: Soil	ELAP: #11693	

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	91.5	727	<727	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	151	215	<215	ug/kg dry	3.A
Phenol	108-95-2	86.1	215	<215	ug/kg dry	3.A
Aniline	62-53-3	75.4	215	<215	ug/kg dry	3.A, 4.J
2-Chlorophenol	95-57-8	96.9	215	<215	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	140	215	<215	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	86.1	215	<215	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	102	215	<215	ug/kg dry	3.A
Benzyl alcohol	100-51-6	80.8	215	<215	ug/kg dry	3.A, 4.J
1,2-Dichlorobenzene	95-50-1	86.1	215	<215	ug/kg dry	3.A
2-Methylphenol	95-48-7	124	215	<215	ug/kg dry	3.A
Bis(2-chloroisopropyl)ether	39638-32-9	135	215	<215	ug/kg dry	3.A
Hexachloroethane	67-72-1	108	215	<215	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	96.9	215	<215	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	80.8	215	<215	ug/kg dry	3.A
Nitrobenzene	98-95-3	96.9	215	<215	ug/kg dry	3.A
Isophorone	78-59-1	75.4	215	<215	ug/kg dry	3.A
2-Nitrophenol	88-75-5	151	215	<215	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	156	215	<215	ug/kg dry	3.A
Benzoic Acid	65-85-0	129	215	<215	ug/kg dry	3.A, 4.J
bis(2-Chloroethoxy)methane	111-91-1	108	215	<215	ug/kg dry	3.A
2,4-Dichlorophenol	120-83-2	75.4	215	<215	ug/kg dry	3.A
1,2,4-Trichlorobenzene	120-82-1	108	215	<215	ug/kg dry	3.A
Naphthalene	91-20-3	86.1	215	<215	ug/kg dry	3.A
4-Chloroaniline	106-47-8	75.4	215	<215	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	151	215	<215	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	167	215	<215	ug/kg dry	3.A
2-Methylnaphthalene	91-57-6	113	215	<215	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	96.9	215	<215	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	96.9	215	<215	ug/kg dry	3.A



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07	% Solid:92.87
Matrix: Soil	ELAP: #11693	

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	135	215	<215	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	75.4	215	<215	ug/kg dry	3.A
2-Nitroaniline	88-74-4	183	215	<215	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	91.5	215	<215	ug/kg dry	3.A
Acenaphthylene	208-96-8	118	215	<215	ug/kg dry	3.A
2,6-Dinitrotoluene	606-20-2	113	215	<215	ug/kg dry	3.A
3-Nitroaniline	99-09-2	172	215	<215	ug/kg dry	3.A
Acenaphthene	83-32-9	124	215	262	ug/kg dry	3.E
2,4-Dinitrophenol	51-28-5	75.4	727	<727	ug/kg dry	3.A, 4.J
Dibenzofuran	132-64-9	102	215	<215	ug/kg dry	3.A
4-Nitrophenol	100-02-7	86.1	727	<727	ug/kg dry	3.A
2,4-Dinitrotoluene	121-14-2	75.4	215	<215	ug/kg dry	3.A
Fluorene	86-73-7	118	215	330	ug/kg dry	3.E
Diethyl phthalate	84-66-2	108	215	<215	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	102	215	<215	ug/kg dry	3.A
4-Nitroaniline	100-01-6	108	215	<215	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	96.9	727	<727	ug/kg dry	3.A, 4.J
N-Nitrosodiphenylamine	86-30-6	96.9	215	<215	ug/kg dry	3.A
4-Bromophenyl phenyl ether	101-55-3	96.9	215	<215	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	108	215	<215	ug/kg dry	3.A
Pentachlorophenol	87-86-5	91.5	215	<215	ug/kg dry	3.A
Phenanthrene	85-01-8	118	215	3280	ug/kg dry	3.E
Anthracene	120-12-7	96.9	215	797	ug/kg dry	3.E
Carbazole	86-74-8	91.5	215	230	ug/kg dry	3.E
Di-n-butyl phthalate	84-74-2	118	215	373	ug/kg dry	3.E
Parathion (ethyl)	56-38-2	280	323	<323	ug/kg dry	3.A
Fluoranthene	206-44-0	108	215	5140	ug/kg dry	3.E
Pyrene	129-00-0	113	215	4100	ug/kg dry	3.E
Butyl benzyl phthalate	85-68-7	102	215	<215	ug/kg dry	3.A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07	% Solid:92.87	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	129	215	2450	ug/kg dry	3.E
Chrysene	218-01-9	113	215	2560	ug/kg dry	3.E
3,3'-Dichlorobenzidine	91-94-1	75.4	215	<215	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	113	215	13900	ug/kg dry	3.E
Di-n-octyl phthalate	117-84-0	75.4	215	<215	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	96.9	215	2770	ug/kg dry	3.E
Benzo(k)fluoranthene	207-08-9	124	215	1060	ug/kg dry	3.E
Benzo(a)pyrene	50-32-8	113	215	2020	ug/kg dry	3.E
Indeno(1,2,3-cd)pyrene	193-39-5	145	215	1560	ug/kg dry	3.E
Dibenzo(a,h)anthracene	53-70-3	140	215	355	ug/kg dry	3.E
Benzo(g,h,i)perylene	191-24-2	124	215	1290	ug/kg dry	3.E

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	84	25-121	3.E
Phenol-d6	13127-88-3	88	24-113	3.E
Nitrobenzene-d5	4165-60-0	82	23-120	3.E
2-Fluorobiphenyl	321-60-8	77	30-115	3.E
2,4,6-Tribromophenol	118-79-6	95	19-122	3.E
Terphenyl-d14	1718-51-0	88	18-137	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	111	50-200	
Naphthalene-d8	1146-65-2	115	50-200	
Acenaphthene-d10	15067-26-2	112	50-200	
Phenanthrene-d10	1517-22-2	109	50-200	
Chrysene-d12	1719-03-5	106	50-200	
Perylene-d12	1520-96-3	101	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07 % Solid:92.87
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.262	5.38	<5.38	ug/kg dry	
gamma-BHC	58-89-9	0.267	5.38	<5.38	ug/kg dry	
beta-BHC	319-85-7	0.451	5.38	<5.38	ug/kg dry	
delta-BHC	319-86-8	0.326	5.38	<5.38	ug/kg dry	
Heptachlor	76-44-8	0.296	5.38	<5.38	ug/kg dry	
Aldrin	309-00-2	0.413	5.38	<5.38	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.478	5.38	<5.38	ug/kg dry	
trans-Chlordane	5103-74-2	0.682	5.38	<5.38	ug/kg dry	
cis-Chlordane	5103-71-9	0.455	5.38	6.85	ug/kg dry	
4,4'-DDE	72-55-9	0.276	3.23	26.5	ug/kg dry	
Endosulfan I	959-98-8	0.520	5.38	<5.38	ug/kg dry	
Dieldrin	60-57-1	0.430	5.38	<5.38	ug/kg dry	
Endrin	72-20-8	0.493	5.38	<5.38	ug/kg dry	
4,4'-DDD	72-54-8	0.490	3.23	3.51	ug/kg dry	
Endosulfan II	33213-65-9	0.916	5.38	<5.38	ug/kg dry	
4,4'-DDT	50-29-3	0.712	3.23	65.9	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.758	5.38	<5.38	ug/kg dry	
Methoxychlor	72-43-5	1.18	5.38	<5.38	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.26	5.38	<5.38	ug/kg dry	
Endrin Ketone	53494-70-5	1.09	5.38	<5.38	ug/kg dry	
Toxaphene	8001-35-2	7.41	108	<108	ug/kg dry	
Chlordane	12789-03-6	1.46	16.2	21.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	97	70-130	
Decachlorobiphenyl	2051-24-3	82	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	107	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07 % Solid:92.87
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.43	53.8	<53.8	ug/kg dry	
Aroclor-1260	11096-82-5	3.94	53.8	<53.8	ug/kg dry	
Aroclor-1221	11104-28-2	4.31	53.8	<53.8	ug/kg dry	
Aroclor-1232	11141-16-5	4.31	53.8	<53.8	ug/kg dry	
Aroclor-1242	53469-21-9	4.31	53.8	<53.8	ug/kg dry	
Aroclor-1248	12672-29-6	4.31	53.8	<53.8	ug/kg dry	
Aroclor-1254	11097-69-1	4.31	53.8	<53.8	ug/kg dry	
Aroclor-1262	37324-23-5	4.31	53.8	<53.8	ug/kg dry	
Aroclor-1268	11100-14-4	4.31	53.8	<53.8	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	95	70-130	
Decachlorobiphenyl	2051-24-3	91	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	105	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:20	Sample ID: B-4 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-07 % Solid:92.87
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.65	10.2	3460	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.70	1.70	<1.70	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.18	1.70	<1.70	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.32	1.70	60.6	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.18	1.70	<1.70	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.18	1.68	<1.68	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	2.65	50.8	9110	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.17	1.70	10.2	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.165	1.70	3.26	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.15	1.70	11.9	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.34	25.4	9870	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.16	1.70	38.0	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.660	5.08	1890	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.23	1.70	171	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.19	1.70	6.95	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.62	10.2	702	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.57	1.70	<1.70	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.70	<1.70	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.840	5.08	149	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.16	1.70	<1.70	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.20	1.70	12.1	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.44	1.70	47.2	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.05	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08	% Solid:94.85
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.576	5.27	<5.27	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.615	5.27	<5.27	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.674	5.27	<5.27	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.401	5.27	<5.27	ug/kg dry	5.L
Bromomethane	74-83-9	1.75	5.27	<5.27	ug/kg dry	5.L
Chloroethane	75-00-3	0.360	5.27	<5.27	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.546	5.27	<5.27	ug/kg dry	5.L
Acetone	67-64-1	6.14	52.7	<52.7	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.467	5.27	<5.27	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.82	5.27	<5.27	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.450	5.27	<5.27	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.671	5.27	<5.27	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.18	5.27	<5.27	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.373	5.27	<5.27	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.405	5.27	<5.27	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.487	5.27	<5.27	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.577	5.27	<5.27	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.58	10.5	<10.5	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.448	5.27	<5.27	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.333	5.27	<5.27	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.624	5.27	<5.27	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.560	5.27	<5.27	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.389	5.27	<5.27	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.515	5.27	<5.27	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.498	5.27	<5.27	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.505	5.27	<5.27	ug/kg dry	5.L
Benzene	71-43-2	0.381	5.27	<5.27	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.576	5.27	<5.27	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.547	5.27	<5.27	ug/kg dry	5.L
Dibromomethane	74-95-3	0.429	5.27	<5.27	ug/kg dry	5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08	% Solid:94.85
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	24.3	52.7	<52.7	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.453	5.27	<5.27	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.604	10.5	<10.5	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.452	5.27	<5.27	ug/kg dry	5.L
Toluene	108-88-3	0.412	5.27	<5.27	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.352	5.27	<5.27	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.486	5.27	<5.27	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.737	5.27	<5.27	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.387	5.27	<5.27	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.345	5.27	<5.27	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.496	5.27	<5.27	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.447	5.27	<5.27	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.448	5.27	<5.27	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.707	5.27	<5.27	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.380	5.27	<5.27	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.581	10.5	<10.5	ug/kg dry	5.L
Styrene	100-42-5	0.270	5.27	<5.27	ug/kg dry	5.L
o-Xylene	95-47-6	0.265	5.27	<5.27	ug/kg dry	5.L
Bromoform	75-25-2	0.378	5.27	<5.27	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.371	5.27	<5.27	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.265	5.27	<5.27	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.583	5.27	<5.27	ug/kg dry	5.L
Bromobenzene	108-86-1	0.350	5.27	<5.27	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.367	5.27	<5.27	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.408	5.27	<5.27	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.386	5.27	<5.27	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.323	5.27	<5.27	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.335	5.27	<5.27	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.479	5.27	<5.27	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08 % Solid:94.85
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.368	5.27	<5.27	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.328	5.27	<5.27	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.299	5.27	<5.27	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.416	5.27	<5.27	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.429	5.27	<5.27	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.455	5.27	<5.27	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.270	5.27	<5.27	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.318	5.27	<5.27	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.648	5.27	<5.27	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.276	5.27	<5.27	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.325	5.27	<5.27	ug/kg dry	5.L
Naphthalene	91-20-3	0.622	5.27	<5.27	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.306	5.27	<5.27	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.588	5.27	<5.27	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	88	70-130	
1,2-Dichloroethane-d4	10706-07-0	83	70-130	
Toluene-d8	2037-26-5	103	70-130	
4-Bromofluorobenzene	460-00-4	103	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	81	50-200	
1,4-Difluorobenzene	540-36-3	83	50-200	
Chlorobenzene-d5	3114-55-4	81	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	66	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08 % Solid:94.85
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	17.9	142	<142	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.5	42.2	<42.2	ug/kg dry	
Phenol	108-95-2	16.9	42.2	<42.2	ug/kg dry	
Aniline	62-53-3	14.8	42.2	<42.2	ug/kg dry	4.J
2-Chlorophenol	95-57-8	19.0	42.2	<42.2	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.4	42.2	<42.2	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	16.9	42.2	<42.2	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	20.0	42.2	<42.2	ug/kg dry	
Benzyl alcohol	100-51-6	15.8	42.2	<42.2	ug/kg dry	4.J
1,2-Dichlorobenzene	95-50-1	16.9	42.2	<42.2	ug/kg dry	
2-Methylphenol	95-48-7	24.2	42.2	<42.2	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	26.4	42.2	<42.2	ug/kg dry	
Hexachloroethane	67-72-1	21.1	42.2	<42.2	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	19.0	42.2	<42.2	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	15.8	42.2	<42.2	ug/kg dry	
Nitrobenzene	98-95-3	19.0	42.2	<42.2	ug/kg dry	
Isophorone	78-59-1	14.8	42.2	<42.2	ug/kg dry	
2-Nitrophenol	88-75-5	29.5	42.2	<42.2	ug/kg dry	
2,4-Dimethylphenol	105-67-9	30.6	42.2	<42.2	ug/kg dry	
Benzoic Acid	65-85-0	25.3	42.2	<42.2	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	21.1	42.2	<42.2	ug/kg dry	
2,4-Dichlorophenol	120-83-2	14.8	42.2	<42.2	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	21.1	42.2	<42.2	ug/kg dry	
Naphthalene	91-20-3	16.9	42.2	<42.2	ug/kg dry	
4-Chloroaniline	106-47-8	14.8	42.2	<42.2	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.5	42.2	<42.2	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	32.7	42.2	<42.2	ug/kg dry	
2-Methylnaphthalene	91-57-6	22.1	42.2	<42.2	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	19.0	42.2	<42.2	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	19.0	42.2	<42.2	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08 % Solid:94.85
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	26.4	42.2	<42.2	ug/kg dry	
2-Chloronaphthalene	91-58-7	14.8	42.2	<42.2	ug/kg dry	
2-Nitroaniline	88-74-4	35.8	42.2	<42.2	ug/kg dry	
Dimethyl phthalate	131-11-3	17.9	42.2	<42.2	ug/kg dry	
Acenaphthylene	208-96-8	23.2	42.2	<42.2	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	22.1	42.2	<42.2	ug/kg dry	
3-Nitroaniline	99-09-2	33.7	42.2	<42.2	ug/kg dry	
Acenaphthene	83-32-9	24.2	42.2	<42.2	ug/kg dry	
2,4-Dinitrophenol	51-28-5	14.8	142	<142	ug/kg dry	4.J
Dibenzofuran	132-64-9	20.0	42.2	<42.2	ug/kg dry	
4-Nitrophenol	100-02-7	16.9	142	<142	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	14.8	42.2	<42.2	ug/kg dry	
Fluorene	86-73-7	23.2	42.2	<42.2	ug/kg dry	
Diethyl phthalate	84-66-2	21.1	42.2	<42.2	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	20.0	42.2	<42.2	ug/kg dry	
4-Nitroaniline	100-01-6	21.1	42.2	<42.2	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	19.0	142	<142	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	19.0	42.2	<42.2	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	19.0	42.2	<42.2	ug/kg dry	
Hexachlorobenzene	118-74-1	21.1	42.2	<42.2	ug/kg dry	
Pentachlorophenol	87-86-5	17.9	42.2	<42.2	ug/kg dry	
Phenanthrene	85-01-8	23.2	42.2	73.1	ug/kg dry	
Anthracene	120-12-7	19.0	42.2	<42.2	ug/kg dry	
Carbazole	86-74-8	17.9	42.2	<42.2	ug/kg dry	
Di-n-butyl phthalate	84-74-2	23.2	42.2	<42.2	ug/kg dry	
Parathion (ethyl)	56-38-2	54.8	63.3	<63.3	ug/kg dry	
Fluoranthene	206-44-0	21.1	42.2	181	ug/kg dry	
Pyrene	129-00-0	22.1	42.2	148	ug/kg dry	
Butyl benzyl phthalate	85-68-7	20.0	42.2	<42.2	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08 % Solid:94.85
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	25.3	42.2	96.3	ug/kg dry	
Chrysene	218-01-9	22.1	42.2	99.1	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	14.8	42.2	<42.2	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	22.1	42.2	283	ug/kg dry	
Di-n-octyl phthalate	117-84-0	14.8	42.2	<42.2	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	19.0	42.2	114	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	24.2	42.2	44.3	ug/kg dry	
Benzo(a)pyrene	50-32-8	22.1	42.2	77.3	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.5	42.2	64.7	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.4	42.2	<42.2	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	24.2	42.2	59.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	53	25-121	
Phenol-d6	13127-88-3	56	24-113	
Nitrobenzene-d5	4165-60-0	57	23-120	
2-Fluorobiphenyl	321-60-8	54	30-115	
2,4,6-Tribromophenol	118-79-6	60	19-122	
Terphenyl-d14	1718-51-0	58	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	109	50-200	
Naphthalene-d8	1146-65-2	113	50-200	
Acenaphthene-d10	15067-26-2	111	50-200	
Phenanthrene-d10	1517-22-2	107	50-200	
Chrysene-d12	1719-03-5	103	50-200	
Perylene-d12	1520-96-3	102	50-200	

Date Prepared: 02/21/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/24/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08	% Solid:94.85	
Matrix: Soil	ELAP: #11693		

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.256	5.27	<5.27	ug/kg dry	
gamma-BHC	58-89-9	0.261	5.27	<5.27	ug/kg dry	
beta-BHC	319-85-7	0.442	5.27	<5.27	ug/kg dry	
delta-BHC	319-86-8	0.319	5.27	<5.27	ug/kg dry	
Heptachlor	76-44-8	0.290	5.27	<5.27	ug/kg dry	
Aldrin	309-00-2	0.405	5.27	<5.27	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.468	5.27	<5.27	ug/kg dry	
trans-Chlordane	5103-74-2	0.667	5.27	<5.27	ug/kg dry	
cis-Chlordane	5103-71-9	0.446	5.27	<5.27	ug/kg dry	
4,4'-DDE	72-55-9	0.270	3.16	<3.16	ug/kg dry	
Endosulfan I	959-98-8	0.509	5.27	<5.27	ug/kg dry	
Dieldrin	60-57-1	0.421	5.27	<5.27	ug/kg dry	
Endrin	72-20-8	0.483	5.27	<5.27	ug/kg dry	
4,4'-DDD	72-54-8	0.480	3.16	<3.16	ug/kg dry	
Endosulfan II	33213-65-9	0.897	5.27	<5.27	ug/kg dry	
4,4'-DDT	50-29-3	0.697	3.16	<3.16	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.742	5.27	<5.27	ug/kg dry	
Methoxychlor	72-43-5	1.16	5.27	<5.27	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.24	5.27	<5.27	ug/kg dry	
Endrin Ketone	53494-70-5	1.06	5.27	<5.27	ug/kg dry	
Toxaphene	8001-35-2	7.25	105	<105	ug/kg dry	
Chlordane	12789-03-6	1.43	15.8	<15.8	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	102	70-130	
Decachlorobiphenyl	2051-24-3	94	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	100	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08 % Solid:94.85
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.30	52.7	<52.7	ug/kg dry	
Aroclor-1260	11096-82-5	3.86	52.7	<52.7	ug/kg dry	
Aroclor-1221	11104-28-2	4.22	52.7	<52.7	ug/kg dry	
Aroclor-1232	11141-16-5	4.22	52.7	<52.7	ug/kg dry	
Aroclor-1242	53469-21-9	4.22	52.7	<52.7	ug/kg dry	
Aroclor-1248	12672-29-6	4.22	52.7	<52.7	ug/kg dry	
Aroclor-1254	11097-69-1	4.22	52.7	<52.7	ug/kg dry	
Aroclor-1262	37324-23-5	4.22	52.7	<52.7	ug/kg dry	
Aroclor-1268	11100-14-4	4.22	52.7	<52.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	92	70-130	
Decachlorobiphenyl	2051-24-3	72	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	109	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:40	Sample ID: B-4 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-08 % Solid:94.85
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.64	10.0	2140	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.69	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.18	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.31	1.67	17.8	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.18	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.17	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.523	10.0	2950	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.17	1.67	5.07	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.163	1.67	2.58	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.15	1.67	5.27	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	0.66	5.00	5440	mg/kg dry	4.M
Lead	02/26/2014	EPA 6010 C	0.16	1.67	5.44	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.651	5.00	1380	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.23	1.67	133	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.19	1.67	4.70	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.60	10.0	351	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.56	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.13	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.827	5.00	97.3	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	1.14	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.19	1.67	8.33	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.43	1.67	15.0	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.11	<0.11	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09	% Solid:96.36
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.567	5.19	<5.19	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.605	5.19	<5.19	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.663	5.19	<5.19	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.394	5.19	<5.19	ug/kg dry	5.L
Bromomethane	74-83-9	1.72	5.19	<5.19	ug/kg dry	5.L
Chloroethane	75-00-3	0.354	5.19	<5.19	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.538	5.19	<5.19	ug/kg dry	5.L
Acetone	67-64-1	6.04	51.9	<51.9	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.460	5.19	<5.19	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.79	5.19	<5.19	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.443	5.19	<5.19	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.660	5.19	<5.19	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.17	5.19	<5.19	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.367	5.19	<5.19	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.399	5.19	<5.19	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.479	5.19	<5.19	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.568	5.19	<5.19	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.56	10.4	<10.4	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.441	5.19	<5.19	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.328	5.19	<5.19	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.614	5.19	<5.19	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.551	5.19	<5.19	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.383	5.19	<5.19	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.506	5.19	<5.19	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.490	5.19	<5.19	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.497	5.19	<5.19	ug/kg dry	5.L
Benzene	71-43-2	0.375	5.19	<5.19	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.567	5.19	<5.19	ug/kg dry	
1,2-Dichloropropane	78-87-5	0.539	5.19	<5.19	ug/kg dry	5.L
Dibromomethane	74-95-3	0.422	5.19	<5.19	ug/kg dry	5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09	% Solid:96.36	
Matrix: Soil	ELAP: #11693		

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	23.9	51.9	<51.9	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.446	5.19	<5.19	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.595	10.4	<10.4	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.445	5.19	<5.19	ug/kg dry	5.L
Toluene	108-88-3	0.406	5.19	<5.19	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.347	5.19	<5.19	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.478	5.19	<5.19	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.725	5.19	<5.19	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.381	5.19	<5.19	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.339	5.19	<5.19	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.488	5.19	<5.19	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.440	5.19	<5.19	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.441	5.19	<5.19	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.696	5.19	<5.19	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.374	5.19	<5.19	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.572	10.4	<10.4	ug/kg dry	5.L
Styrene	100-42-5	0.266	5.19	<5.19	ug/kg dry	5.L
o-Xylene	95-47-6	0.260	5.19	<5.19	ug/kg dry	5.L
Bromoform	75-25-2	0.373	5.19	<5.19	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.365	5.19	<5.19	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.260	5.19	<5.19	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.574	5.19	<5.19	ug/kg dry	5.L
Bromobenzene	108-86-1	0.345	5.19	<5.19	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.361	5.19	<5.19	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.402	5.19	<5.19	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.380	5.19	<5.19	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.318	5.19	<5.19	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.330	5.19	<5.19	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.471	5.19	<5.19	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09 % Solid:96.36
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.362	5.19	<5.19	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.323	5.19	<5.19	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.295	5.19	<5.19	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.410	5.19	<5.19	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.422	5.19	<5.19	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.448	5.19	<5.19	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.266	5.19	<5.19	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.313	5.19	<5.19	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.638	5.19	<5.19	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.272	5.19	<5.19	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.320	5.19	<5.19	ug/kg dry	5.L
Naphthalene	91-20-3	0.612	5.19	<5.19	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.301	5.19	<5.19	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.579	5.19	<5.19	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	88	70-130	
1,2-Dichloroethane-d4	10706-07-0	74	70-130	
Toluene-d8	2037-26-5	103	70-130	
4-Bromofluorobenzene	460-00-4	102	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	88	50-200	
1,4-Difluorobenzene	540-36-3	83	50-200	
Chlorobenzene-d5	3114-55-4	84	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	73	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/26/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09 % Solid:96.36
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	17.6	140	<140	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.1	41.5	<41.5	ug/kg dry	
Phenol	108-95-2	16.6	41.5	<41.5	ug/kg dry	
Aniline	62-53-3	14.5	41.5	<41.5	ug/kg dry	4.J, 4.N
2-Chlorophenol	95-57-8	18.7	41.5	<41.5	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.0	41.5	<41.5	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	16.6	41.5	<41.5	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	19.7	41.5	<41.5	ug/kg dry	
Benzyl alcohol	100-51-6	15.6	41.5	<41.5	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	16.6	41.5	<41.5	ug/kg dry	
2-Methylphenol	95-48-7	23.9	41.5	<41.5	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	25.9	41.5	<41.5	ug/kg dry	
Hexachloroethane	67-72-1	20.8	41.5	<41.5	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	18.7	41.5	<41.5	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	15.6	41.5	<41.5	ug/kg dry	
Nitrobenzene	98-95-3	18.7	41.5	<41.5	ug/kg dry	
Isophorone	78-59-1	14.5	41.5	<41.5	ug/kg dry	
2-Nitrophenol	88-75-5	29.1	41.5	<41.5	ug/kg dry	
2,4-Dimethylphenol	105-67-9	30.1	41.5	<41.5	ug/kg dry	
Benzoic Acid	65-85-0	24.9	41.5	<41.5	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	20.8	41.5	<41.5	ug/kg dry	
2,4-Dichlorophenol	120-83-2	14.5	41.5	<41.5	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	20.8	41.5	<41.5	ug/kg dry	
Naphthalene	91-20-3	16.6	41.5	<41.5	ug/kg dry	
4-Chloroaniline	106-47-8	14.5	41.5	<41.5	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.1	41.5	<41.5	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	32.2	41.5	<41.5	ug/kg dry	
2-Methylnaphthalene	91-57-6	21.8	41.5	<41.5	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	18.7	41.5	<41.5	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	18.7	41.5	<41.5	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09 % Solid:96.36
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	25.9	41.5	<41.5	ug/kg dry	
2-Chloronaphthalene	91-58-7	14.5	41.5	<41.5	ug/kg dry	
2-Nitroaniline	88-74-4	35.3	41.5	<41.5	ug/kg dry	
Dimethyl phthalate	131-11-3	17.6	41.5	<41.5	ug/kg dry	
Acenaphthylene	208-96-8	22.8	41.5	<41.5	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	21.8	41.5	<41.5	ug/kg dry	
3-Nitroaniline	99-09-2	33.2	41.5	<41.5	ug/kg dry	
Acenaphthene	83-32-9	23.9	41.5	<41.5	ug/kg dry	
2,4-Dinitrophenol	51-28-5	14.5	140	<140	ug/kg dry	4.J
Dibenzofuran	132-64-9	19.7	41.5	<41.5	ug/kg dry	
4-Nitrophenol	100-02-7	16.6	140	<140	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	14.5	41.5	<41.5	ug/kg dry	4.M
Fluorene	86-73-7	22.8	41.5	<41.5	ug/kg dry	
Diethyl phthalate	84-66-2	20.8	41.5	<41.5	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	19.7	41.5	<41.5	ug/kg dry	
4-Nitroaniline	100-01-6	20.8	41.5	<41.5	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	18.7	140	<140	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	18.7	41.5	<41.5	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	18.7	41.5	<41.5	ug/kg dry	
Hexachlorobenzene	118-74-1	20.8	41.5	<41.5	ug/kg dry	
Pentachlorophenol	87-86-5	17.6	41.5	<41.5	ug/kg dry	
Phenanthrene	85-01-8	22.8	41.5	204	ug/kg dry	
Anthracene	120-12-7	18.7	41.5	43.6	ug/kg dry	
Carbazole	86-74-8	17.6	41.5	<41.5	ug/kg dry	
Di-n-butyl phthalate	84-74-2	22.8	41.5	<41.5	ug/kg dry	
Parathion (ethyl)	56-38-2	54.0	62.3	<62.3	ug/kg dry	4.M
Fluoranthene	206-44-0	20.8	41.5	311	ug/kg dry	
Pyrene	129-00-0	21.8	41.5	255	ug/kg dry	
Butyl benzyl phthalate	85-68-7	19.7	41.5	<41.5	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09 % Solid:96.36
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	24.9	41.5	136	ug/kg dry	
Chrysene	218-01-9	21.8	41.5	140	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	14.5	41.5	<41.5	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	21.8	41.5	361	ug/kg dry	
Di-n-octyl phthalate	117-84-0	14.5	41.5	<41.5	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	18.7	41.5	154	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	23.9	41.5	70.6	ug/kg dry	
Benzo(a)pyrene	50-32-8	21.8	41.5	117	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.0	41.5	116	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.0	41.5	47.0	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	23.9	41.5	107	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	33	25-121	
Phenol-d6	13127-88-3	38	24-113	
Nitrobenzene-d5	4165-60-0	35	23-120	
2-Fluorobiphenyl	321-60-8	40	30-115	
2,4,6-Tribromophenol	118-79-6	102	19-122	
Terphenyl-d14	1718-51-0	95	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	106	50-200	
Naphthalene-d8	1146-65-2	105	50-200	
Acenaphthene-d10	15067-26-2	101	50-200	
Phenanthrene-d10	1517-22-2	98	50-200	
Chrysene-d12	1719-03-5	103	50-200	
Perylene-d12	1520-96-3	94	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09	% Solid:96.36	
Matrix: Soil	ELAP: #11693		

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.252	5.19	<5.19	ug/kg dry	
gamma-BHC	58-89-9	0.257	5.19	<5.19	ug/kg dry	
beta-BHC	319-85-7	0.435	5.19	<5.19	ug/kg dry	
delta-BHC	319-86-8	0.314	5.19	<5.19	ug/kg dry	
Heptachlor	76-44-8	0.285	5.19	<5.19	ug/kg dry	
Aldrin	309-00-2	0.399	5.19	<5.19	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.461	5.19	<5.19	ug/kg dry	
trans-Chlordane	5103-74-2	0.657	5.19	<5.19	ug/kg dry	
cis-Chlordane	5103-71-9	0.439	5.19	<5.19	ug/kg dry	
4,4'-DDE	72-55-9	0.266	3.11	<3.11	ug/kg dry	
Endosulfan I	959-98-8	0.501	5.19	<5.19	ug/kg dry	
Dieldrin	60-57-1	0.414	5.19	<5.19	ug/kg dry	
Endrin	72-20-8	0.475	5.19	<5.19	ug/kg dry	
4,4'-DDD	72-54-8	0.472	3.11	<3.11	ug/kg dry	
Endosulfan II	33213-65-9	0.883	5.19	<5.19	ug/kg dry	
4,4'-DDT	50-29-3	0.686	3.11	<3.11	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.731	5.19	<5.19	ug/kg dry	
Methoxychlor	72-43-5	1.14	5.19	<5.19	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.22	5.19	<5.19	ug/kg dry	
Endrin Ketone	53494-70-5	1.05	5.19	<5.19	ug/kg dry	
Toxaphene	8001-35-2	7.14	104	<104	ug/kg dry	
Chlordane	12789-03-6	1.41	15.6	<15.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	96	70-130	
Decachlorobiphenyl	2051-24-3	85	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	106	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09 % Solid:96.36
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.20	51.9	<51.9	ug/kg dry	
Aroclor-1260	11096-82-5	3.80	51.9	<51.9	ug/kg dry	
Aroclor-1221	11104-28-2	4.15	51.9	<51.9	ug/kg dry	
Aroclor-1232	11141-16-5	4.15	51.9	<51.9	ug/kg dry	
Aroclor-1242	53469-21-9	4.15	51.9	<51.9	ug/kg dry	
Aroclor-1248	12672-29-6	4.15	51.9	<51.9	ug/kg dry	
Aroclor-1254	11097-69-1	4.15	51.9	<51.9	ug/kg dry	
Aroclor-1262	37324-23-5	4.15	51.9	<51.9	ug/kg dry	
Aroclor-1268	11100-14-4	4.15	51.9	<51.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	93	70-130	
Decachlorobiphenyl	2051-24-3	73	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	107	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 15:50	Sample ID: B-5 0-2'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-09 % Solid:96.36
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.55	10.0	2150	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.59	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.15	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.27	1.44	39.1	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.15	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.15	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.899	17.2	9750	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.14	1.67	5.16	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.140	1.67	2.56	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.13	1.67	7.01	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	1.13	8.60	6840	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.14	1.67	18.0	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.559	5.00	3800	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.20	1.67	207	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.16	1.67	5.48	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.37	10.0	522	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.49	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.11	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.711	4.30	143	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	0.98	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.17	1.67	7.83	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.37	1.67	19.7	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.10	<0.10	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10	% Solid:96.25
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.567	5.19	<5.19	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.606	5.19	<5.19	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.664	5.19	<5.19	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.395	5.19	<5.19	ug/kg dry	5.L
Bromomethane	74-83-9	1.72	5.19	<5.19	ug/kg dry	5.L
Chloroethane	75-00-3	0.354	5.19	<5.19	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.538	5.19	<5.19	ug/kg dry	5.L
Acetone	67-64-1	6.05	51.9	<51.9	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.460	5.19	<5.19	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	1.80	5.19	<5.19	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.444	5.19	<5.19	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.661	5.19	<5.19	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.17	5.19	<5.19	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.368	5.19	<5.19	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.399	5.19	<5.19	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.480	5.19	<5.19	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.568	5.19	<5.19	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.56	10.4	<10.4	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.442	5.19	<5.19	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.328	5.19	<5.19	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.615	5.19	<5.19	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.552	5.19	<5.19	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.383	5.19	<5.19	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.507	5.19	<5.19	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.490	5.19	<5.19	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.498	5.19	<5.19	ug/kg dry	5.L
Benzene	71-43-2	0.375	5.19	<5.19	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.567	5.19	<5.19	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.539	5.19	<5.19	ug/kg dry	5.L
Dibromomethane	74-95-3	0.423	5.19	<5.19	ug/kg dry	5.L



Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	23.9	51.9	<51.9	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.447	5.19	<5.19	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.595	10.4	<10.4	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.446	5.19	<5.19	ug/kg dry	5.L
Toluene	108-88-3	0.406	5.19	<5.19	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.347	5.19	<5.19	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.479	5.19	<5.19	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.726	5.19	<5.19	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.381	5.19	<5.19	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.340	5.19	<5.19	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.488	5.19	<5.19	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.441	5.19	<5.19	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.442	5.19	<5.19	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.697	5.19	<5.19	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.374	5.19	<5.19	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.572	10.4	<10.4	ug/kg dry	5.L
Styrene	100-42-5	0.266	5.19	<5.19	ug/kg dry	5.L
o-Xylene	95-47-6	0.261	5.19	<5.19	ug/kg dry	5.L
Bromoform	75-25-2	0.373	5.19	<5.19	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.366	5.19	<5.19	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.261	5.19	<5.19	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.575	5.19	<5.19	ug/kg dry	5.L
Bromobenzene	108-86-1	0.345	5.19	<5.19	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.362	5.19	<5.19	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.402	5.19	<5.19	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.380	5.19	<5.19	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.318	5.19	<5.19	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.330	5.19	<5.19	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.472	5.19	<5.19	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.363	5.19	<5.19	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.323	5.19	<5.19	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.295	5.19	<5.19	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.410	5.19	<5.19	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.423	5.19	<5.19	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.449	5.19	<5.19	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.266	5.19	<5.19	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.314	5.19	<5.19	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.639	5.19	<5.19	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.272	5.19	<5.19	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.320	5.19	<5.19	ug/kg dry	5.L
Naphthalene	91-20-3	0.613	5.19	<5.19	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.301	5.19	<5.19	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.580	5.19	<5.19	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	84	70-130	
1,2-Dichloroethane-d4	10706-07-0	77	70-130	
Toluene-d8	2037-26-5	102	70-130	
4-Bromofluorobenzene	460-00-4	99	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	80	50-200	
1,4-Difluorobenzene	540-36-3	76	50-200	
Chlorobenzene-d5	3114-55-4	77	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	67	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	17.7	140	<140	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	29.1	41.6	<41.6	ug/kg dry	
Phenol	108-95-2	16.6	41.6	<41.6	ug/kg dry	
Aniline	62-53-3	14.5	41.6	<41.6	ug/kg dry	4.N, 4.J
2-Chlorophenol	95-57-8	18.7	41.6	<41.6	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	27.0	41.6	<41.6	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	16.6	41.6	<41.6	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	19.7	41.6	<41.6	ug/kg dry	
Benzyl alcohol	100-51-6	15.6	41.6	<41.6	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	16.6	41.6	<41.6	ug/kg dry	
2-Methylphenol	95-48-7	23.9	41.6	<41.6	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	26.0	41.6	<41.6	ug/kg dry	
Hexachloroethane	67-72-1	20.8	41.6	<41.6	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	18.7	41.6	<41.6	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	15.6	41.6	<41.6	ug/kg dry	
Nitrobenzene	98-95-3	18.7	41.6	<41.6	ug/kg dry	
Isophorone	78-59-1	14.5	41.6	<41.6	ug/kg dry	
2-Nitrophenol	88-75-5	29.1	41.6	<41.6	ug/kg dry	
2,4-Dimethylphenol	105-67-9	30.1	41.6	<41.6	ug/kg dry	
Benzoic Acid	65-85-0	24.9	41.6	<41.6	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	20.8	41.6	<41.6	ug/kg dry	
2,4-Dichlorophenol	120-83-2	14.5	41.6	<41.6	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	20.8	41.6	<41.6	ug/kg dry	
Naphthalene	91-20-3	16.6	41.6	<41.6	ug/kg dry	
4-Chloroaniline	106-47-8	14.5	41.6	<41.6	ug/kg dry	
Hexachlorobutadiene	87-68-3	29.1	41.6	<41.6	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	32.2	41.6	<41.6	ug/kg dry	
2-Methylnaphthalene	91-57-6	21.8	41.6	<41.6	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	18.7	41.6	<41.6	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	18.7	41.6	<41.6	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	26.0	41.6	<41.6	ug/kg dry	
2-Chloronaphthalene	91-58-7	14.5	41.6	<41.6	ug/kg dry	
2-Nitroaniline	88-74-4	35.3	41.6	<41.6	ug/kg dry	
Dimethyl phthalate	131-11-3	17.7	41.6	<41.6	ug/kg dry	
Acenaphthylene	208-96-8	22.9	41.6	<41.6	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	21.8	41.6	<41.6	ug/kg dry	
3-Nitroaniline	99-09-2	33.2	41.6	<41.6	ug/kg dry	
Acenaphthene	83-32-9	23.9	41.6	<41.6	ug/kg dry	
2,4-Dinitrophenol	51-28-5	14.5	140	<140	ug/kg dry	4.J
Dibenzofuran	132-64-9	19.7	41.6	<41.6	ug/kg dry	
4-Nitrophenol	100-02-7	16.6	140	<140	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	14.5	41.6	<41.6	ug/kg dry	4.M
Fluorene	86-73-7	22.9	41.6	<41.6	ug/kg dry	
Diethyl phthalate	84-66-2	20.8	41.6	<41.6	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	19.7	41.6	<41.6	ug/kg dry	
4-Nitroaniline	100-01-6	20.8	41.6	<41.6	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	18.7	140	<140	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	18.7	41.6	<41.6	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	18.7	41.6	<41.6	ug/kg dry	
Hexachlorobenzene	118-74-1	20.8	41.6	<41.6	ug/kg dry	
Pentachlorophenol	87-86-5	17.7	41.6	<41.6	ug/kg dry	
Phenanthrene	85-01-8	22.9	41.6	118	ug/kg dry	
Anthracene	120-12-7	18.7	41.6	<41.6	ug/kg dry	
Carbazole	86-74-8	17.7	41.6	<41.6	ug/kg dry	
Di-n-butyl phthalate	84-74-2	22.9	41.6	<41.6	ug/kg dry	
Parathion (ethyl)	56-38-2	54.0	62.3	<62.3	ug/kg dry	4.M
Fluoranthene	206-44-0	20.8	41.6	190	ug/kg dry	
Pyrene	129-00-0	21.8	41.6	152	ug/kg dry	
Butyl benzyl phthalate	85-68-7	19.7	41.6	73.4	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	24.9	41.6	97.7	ug/kg dry	
Chrysene	218-01-9	21.8	41.6	105	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	14.5	41.6	<41.6	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	21.8	41.6	799	ug/kg dry	
Di-n-octyl phthalate	117-84-0	14.5	41.6	<41.6	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	18.7	41.6	195	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	23.9	41.6	78.3	ug/kg dry	
Benzo(a)pyrene	50-32-8	21.8	41.6	143	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	28.1	41.6	178	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	27.0	41.6	56.1	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	23.9	41.6	158	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	67	25-121	
Phenol-d6	13127-88-3	70	24-113	
Nitrobenzene-d5	4165-60-0	74	23-120	
2-Fluorobiphenyl	321-60-8	68	30-115	
2,4,6-Tribromophenol	118-79-6	78	19-122	
Terphenyl-d14	1718-51-0	70	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	104	50-200	
Naphthalene-d8	1146-65-2	103	50-200	
Acenaphthene-d10	15067-26-2	99	50-200	
Phenanthrene-d10	1517-22-2	96	50-200	
Chrysene-d12	1719-03-5	99	50-200	
Perylene-d12	1520-96-3	93	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10	% Solid:96.25	
Matrix: Soil	ELAP: #11693		

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.252	5.19	<5.19	ug/kg dry	
gamma-BHC	58-89-9	0.258	5.19	<5.19	ug/kg dry	
beta-BHC	319-85-7	0.435	5.19	<5.19	ug/kg dry	
delta-BHC	319-86-8	0.315	5.19	<5.19	ug/kg dry	
Heptachlor	76-44-8	0.286	5.19	<5.19	ug/kg dry	
Aldrin	309-00-2	0.399	5.19	<5.19	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.461	5.19	<5.19	ug/kg dry	
trans-Chlordane	5103-74-2	0.658	5.19	<5.19	ug/kg dry	
cis-Chlordane	5103-71-9	0.439	5.19	<5.19	ug/kg dry	
4,4'-DDE	72-55-9	0.266	3.12	<3.12	ug/kg dry	
Endosulfan I	959-98-8	0.502	5.19	<5.19	ug/kg dry	
Dieldrin	60-57-1	0.415	5.19	<5.19	ug/kg dry	
Endrin	72-20-8	0.476	5.19	<5.19	ug/kg dry	
4,4'-DDD	72-54-8	0.473	3.12	<3.12	ug/kg dry	
Endosulfan II	33213-65-9	0.884	5.19	<5.19	ug/kg dry	
4,4'-DDT	50-29-3	0.687	3.12	3.30	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.731	5.19	<5.19	ug/kg dry	
Methoxychlor	72-43-5	1.14	5.19	<5.19	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.22	5.19	<5.19	ug/kg dry	
Endrin Ketone	53494-70-5	1.05	5.19	<5.19	ug/kg dry	
Toxaphene	8001-35-2	7.15	104	<104	ug/kg dry	
Chlordane	12789-03-6	1.41	15.6	<15.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	99	70-130	
Decachlorobiphenyl	2051-24-3	88	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	102	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	6.21	51.9	<51.9	ug/kg dry	
Aroclor-1260	11096-82-5	3.80	51.9	<51.9	ug/kg dry	
Aroclor-1221	11104-28-2	4.16	51.9	<51.9	ug/kg dry	
Aroclor-1232	11141-16-5	4.16	51.9	<51.9	ug/kg dry	
Aroclor-1242	53469-21-9	4.16	51.9	<51.9	ug/kg dry	
Aroclor-1248	12672-29-6	4.16	51.9	<51.9	ug/kg dry	
Aroclor-1254	11097-69-1	4.16	51.9	<51.9	ug/kg dry	
Aroclor-1262	37324-23-5	4.16	51.9	<51.9	ug/kg dry	
Aroclor-1268	11100-14-4	4.16	51.9	<51.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	93	70-130	
Decachlorobiphenyl	2051-24-3	74	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	108	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 16:00	Sample ID: B-5 15-17'
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-10 % Solid:96.25
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	0.55	10.0	1770	mg/kg dry	
Antimony	02/26/2014	EPA 6010 C	0.59	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.15	1.67	<1.67	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.27	1.42	21.3	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.15	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.15	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.890	17.0	6560	mg/kg dry	3.E
Chromium	02/26/2014	EPA 6010 C	0.14	1.67	4.42	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.139	1.67	2.11	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.12	1.67	5.96	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	0.56	5.00	5010	mg/kg dry	4.M
Lead	02/26/2014	EPA 6010 C	0.14	1.67	6.54	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.554	5.00	2920	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	0.19	1.67	131	mg/kg dry	
Nickel	02/26/2014	EPA 6010 C	0.16	1.67	4.33	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	1.36	10.0	349	mg/kg dry	4.M
Selenium	02/26/2014	EPA 6010 C	0.48	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.11	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.704	4.26	74.4	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	0.97	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.17	1.67	10.4	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.37	1.67	12.9	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.10	<0.10	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn	
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile	
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11	% Solid:82.36
Matrix: Soil	ELAP: #11693	

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.663	6.07	<6.07	ug/kg dry	5.L
Chlorodifluoromethane	75-45-6	0.708	6.07	<6.07	ug/kg dry	2.B, 5.L
Chloromethane	74-87-3	0.776	6.07	<6.07	ug/kg dry	5.L
Vinyl chloride	75-01-4	0.461	6.07	<6.07	ug/kg dry	5.L
Bromomethane	74-83-9	2.02	6.07	<6.07	ug/kg dry	5.L
Chloroethane	75-00-3	0.414	6.07	<6.07	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.629	6.07	<6.07	ug/kg dry	5.L
Acetone	67-64-1	7.07	60.7	<60.7	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.538	6.07	<6.07	ug/kg dry	5.L
tert-Butyl alcohol	75-65-0	2.10	6.07	<6.07	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.518	6.07	<6.07	ug/kg dry	5.L
Acrylonitrile	107-13-1	0.772	6.07	<6.07	ug/kg dry	5.L
Methylene Chloride	75-09-2	1.36	6.07	<6.07	ug/kg dry	5.L
Carbon disulfide	75-15-0	0.430	6.07	<6.07	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.466	6.07	<6.07	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.561	6.07	<6.07	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.664	6.07	<6.07	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.82	12.1	<12.1	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.516	6.07	<6.07	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.384	6.07	<6.07	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.719	6.07	<6.07	ug/kg dry	4.M, 5.L
Chloroform	67-66-3	0.645	6.07	<6.07	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.448	6.07	<6.07	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.592	6.07	<6.07	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.573	6.07	<6.07	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.582	6.07	<6.07	ug/kg dry	5.L
Benzene	71-43-2	0.438	6.07	<6.07	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.663	6.07	<6.07	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.630	6.07	<6.07	ug/kg dry	5.L
Dibromomethane	74-95-3	0.494	6.07	<6.07	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,4-Dioxane	123-91-1	28.0	60.7	<60.7	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.522	6.07	<6.07	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.696	12.1	<12.1	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.521	6.07	<6.07	ug/kg dry	5.L
Toluene	108-88-3	0.475	6.07	<6.07	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.406	6.07	<6.07	ug/kg dry	5.L
1,1,2-Trichloroethane	79-00-5	0.560	6.07	<6.07	ug/kg dry	5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	0.849	6.07	<6.07	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.446	6.07	<6.07	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.397	6.07	<6.07	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.571	6.07	<6.07	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.515	6.07	<6.07	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.516	6.07	<6.07	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.815	6.07	<6.07	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.437	6.07	<6.07	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.669	12.1	<12.1	ug/kg dry	5.L
Styrene	100-42-5	0.311	6.07	<6.07	ug/kg dry	5.L
o-Xylene	95-47-6	0.305	6.07	<6.07	ug/kg dry	5.L
Bromoform	75-25-2	0.436	6.07	<6.07	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.427	6.07	<6.07	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.305	6.07	<6.07	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.671	6.07	<6.07	ug/kg dry	5.L
Bromobenzene	108-86-1	0.403	6.07	<6.07	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.423	6.07	<6.07	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.470	6.07	<6.07	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.444	6.07	<6.07	ug/kg dry	5.L, 2.B
4-Chlorotoluene	106-43-4	0.372	6.07	<6.07	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.386	6.07	<6.07	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.551	6.07	<6.07	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,2,4-Trimethylbenzene	95-63-6	0.424	6.07	<6.07	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.378	6.07	<6.07	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.345	6.07	<6.07	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.480	6.07	<6.07	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.494	6.07	<6.07	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.524	6.07	<6.07	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.311	6.07	<6.07	ug/kg dry	2.B, 5.L
n-Butylbenzene	104-51-8	0.367	6.07	<6.07	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.747	6.07	<6.07	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.318	6.07	<6.07	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.374	6.07	<6.07	ug/kg dry	5.L
Naphthalene	91-20-3	0.716	6.07	<6.07	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.352	6.07	<6.07	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.677	6.07	<6.07	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	89	70-130	
1,2-Dichloroethane-d4	10706-07-0	83	70-130	
Toluene-d8	2037-26-5	103	70-130	
4-Bromofluorobenzene	460-00-4	100	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	76	50-200	
1,4-Difluorobenzene	540-36-3	77	50-200	
Chlorobenzene-d5	3114-55-4	74	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	62	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 5035A-L

Date Analyzed: 02/25/2014

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Pyridine	110-86-1	20.6	164	<164	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	34.0	48.6	153	ug/kg dry	
Phenol	108-95-2	19.4	48.6	<48.6	ug/kg dry	
Aniline	62-53-3	17.0	48.6	80.1	ug/kg dry	4.J, 4.N
2-Chlorophenol	95-57-8	21.9	48.6	155	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	31.6	48.6	89.0	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	19.4	48.6	<48.6	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	23.1	48.6	<48.6	ug/kg dry	
Benzyl alcohol	100-51-6	18.2	48.6	<48.6	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	19.4	48.6	<48.6	ug/kg dry	
2-Methylphenol	95-48-7	27.9	48.6	68.8	ug/kg dry	
Bis(2-chloroisopropyl)ether	39638-32-9	30.4	48.6	65.6	ug/kg dry	
Hexachloroethane	67-72-1	24.3	48.6	<48.6	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	21.9	48.6	<48.6	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	18.2	48.6	66.4	ug/kg dry	
Nitrobenzene	98-95-3	21.9	48.6	112	ug/kg dry	
Isophorone	78-59-1	17.0	48.6	<48.6	ug/kg dry	
2-Nitrophenol	88-75-5	34.0	48.6	78.5	ug/kg dry	
2,4-Dimethylphenol	105-67-9	35.2	48.6	<48.6	ug/kg dry	
Benzoic Acid	65-85-0	29.1	48.6	<48.6	ug/kg dry	4.J
bis(2-Chloroethoxy)methane	111-91-1	24.3	48.6	93.1	ug/kg dry	
2,4-Dichlorophenol	120-83-2	17.0	48.6	<48.6	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	24.3	48.6	80.1	ug/kg dry	
Naphthalene	91-20-3	19.4	48.6	108	ug/kg dry	
4-Chloroaniline	106-47-8	17.0	48.6	<48.6	ug/kg dry	
Hexachlorobutadiene	87-68-3	34.0	48.6	54.2	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	37.6	48.6	<48.6	ug/kg dry	
2-Methylnaphthalene	91-57-6	25.5	48.6	159	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	21.9	48.6	75.3	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	21.9	48.6	<48.6	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn		
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile		
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11	% Solid:82.36	
Matrix: Soil	ELAP: #11693		

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	30.4	48.6	<48.6	ug/kg dry	
2-Chloronaphthalene	91-58-7	17.0	48.6	159	ug/kg dry	
2-Nitroaniline	88-74-4	41.3	48.6	<48.6	ug/kg dry	
Dimethyl phthalate	131-11-3	20.6	48.6	<48.6	ug/kg dry	
Acenaphthylene	208-96-8	26.7	48.6	97.9	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	25.5	48.6	<48.6	ug/kg dry	
3-Nitroaniline	99-09-2	38.9	48.6	<48.6	ug/kg dry	
Acenaphthene	83-32-9	27.9	48.6	98.7	ug/kg dry	
2,4-Dinitrophenol	51-28-5	17.0	164	<164	ug/kg dry	4.J
Dibenzofuran	132-64-9	23.1	48.6	<48.6	ug/kg dry	
4-Nitrophenol	100-02-7	19.4	164	<164	ug/kg dry	
2,4-Dinitrotoluene	121-14-2	17.0	48.6	<48.6	ug/kg dry	4.M
Fluorene	86-73-7	26.7	48.6	<48.6	ug/kg dry	
Diethyl phthalate	84-66-2	24.3	48.6	<48.6	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	23.1	48.6	<48.6	ug/kg dry	
4-Nitroaniline	100-01-6	24.3	48.6	<48.6	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	21.9	164	<164	ug/kg dry	4.J
N-Nitrosodiphenylamine	86-30-6	21.9	48.6	<48.6	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	21.9	48.6	<48.6	ug/kg dry	
Hexachlorobenzene	118-74-1	24.3	48.6	<48.6	ug/kg dry	
Pentachlorophenol	87-86-5	20.6	48.6	<48.6	ug/kg dry	
Phenanthrene	85-01-8	26.7	48.6	322	ug/kg dry	
Anthracene	120-12-7	21.9	48.6	74.5	ug/kg dry	
Carbazole	86-74-8	20.6	48.6	<48.6	ug/kg dry	
Di-n-butyl phthalate	84-74-2	26.7	48.6	53.4	ug/kg dry	
Parathion (ethyl)	56-38-2	63.1	72.8	<72.8	ug/kg dry	4.M
Fluoranthene	206-44-0	24.3	48.6	636	ug/kg dry	
Pyrene	129-00-0	25.5	48.6	571	ug/kg dry	
Butyl benzyl phthalate	85-68-7	23.1	48.6	<48.6	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Benzo(a)anthracene	56-55-3	29.1	48.6	325	ug/kg dry	
Chrysene	218-01-9	25.5	48.6	373	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	17.0	48.6	<48.6	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	25.5	48.6	<48.6	ug/kg dry	
Di-n-octyl phthalate	117-84-0	17.0	48.6	<48.6	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	21.9	48.6	491	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	27.9	48.6	160	ug/kg dry	
Benzo(a)pyrene	50-32-8	25.5	48.6	329	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	32.8	48.6	292	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	31.6	48.6	80.9	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	27.9	48.6	256	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2-Fluorophenol	367-12-4	57	25-121	
Phenol-d6	13127-88-3	62	24-113	
Nitrobenzene-d5	4165-60-0	63	23-120	
2-Fluorobiphenyl	321-60-8	56	30-115	
2,4,6-Tribromophenol	118-79-6	61	19-122	
Terphenyl-d14	1718-51-0	48	18-137	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	103	50-200	
Naphthalene-d8	1146-65-2	102	50-200	
Acenaphthene-d10	15067-26-2	102	50-200	
Phenanthrene-d10	1517-22-2	99	50-200	
Chrysene-d12	1719-03-5	104	50-200	
Perylene-d12	1520-96-3	95	50-200	

Date Prepared: 02/25/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/25/2014

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
alpha-BHC	319-84-6	0.295	6.07	<6.07	ug/kg dry	
gamma-BHC	58-89-9	0.301	6.07	<6.07	ug/kg dry	
beta-BHC	319-85-7	0.509	6.07	<6.07	ug/kg dry	
delta-BHC	319-86-8	0.368	6.07	<6.07	ug/kg dry	
Heptachlor	76-44-8	0.334	6.07	<6.07	ug/kg dry	
Aldrin	309-00-2	0.466	6.07	<6.07	ug/kg dry	
Heptachlor Epoxide	1024-57-3	0.539	6.07	<6.07	ug/kg dry	
trans-Chlordane	5103-74-2	0.769	6.07	<6.07	ug/kg dry	
cis-Chlordane	5103-71-9	0.514	6.07	<6.07	ug/kg dry	
4,4'-DDE	72-55-9	0.311	3.64	<3.64	ug/kg dry	
Endosulfan I	959-98-8	0.586	6.07	<6.07	ug/kg dry	
Dieldrin	60-57-1	0.484	6.07	<6.07	ug/kg dry	
Endrin	72-20-8	0.556	6.07	<6.07	ug/kg dry	
4,4'-DDD	72-54-8	0.552	3.64	<3.64	ug/kg dry	
Endosulfan II	33213-65-9	1.03	6.07	<6.07	ug/kg dry	
4,4'-DDT	50-29-3	0.803	3.64	18.7	ug/kg dry	
Endrin Aldehyde	7421-93-4	0.855	6.07	<6.07	ug/kg dry	
Methoxychlor	72-43-5	1.33	6.07	<6.07	ug/kg dry	
Endosulfan Sulfate	1031-07-8	1.42	6.07	<6.07	ug/kg dry	
Endrin Ketone	53494-70-5	1.23	6.07	<6.07	ug/kg dry	
Toxaphene	8001-35-2	8.35	121	<121	ug/kg dry	
Chlordane	12789-03-6	1.65	18.2	<18.2	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	111	70-130	
Decachlorobiphenyl	2051-24-3	92	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	102	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8081B

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	7.26	60.7	<60.7	ug/kg dry	
Aroclor-1260	11096-82-5	4.44	60.7	<60.7	ug/kg dry	
Aroclor-1221	11104-28-2	4.86	60.7	<60.7	ug/kg dry	
Aroclor-1232	11141-16-5	4.86	60.7	<60.7	ug/kg dry	
Aroclor-1242	53469-21-9	4.86	60.7	<60.7	ug/kg dry	
Aroclor-1248	12672-29-6	4.86	60.7	<60.7	ug/kg dry	
Aroclor-1254	11097-69-1	4.86	60.7	<60.7	ug/kg dry	
Aroclor-1262	37324-23-5	4.86	60.7	<60.7	ug/kg dry	
Aroclor-1268	11100-14-4	4.86	60.7	<60.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Tetrachloro-m-xylene	877-09-8	99	70-130	
Decachlorobiphenyl	2051-24-3	81	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	111	50-200	

Date Prepared: 02/24/2014

Preparation Method: EPA 3545 A

Date Analyzed: 02/26/2014

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur Site B Brooklyn
Date (Time) Collected: 02/20/2014 14:20	Sample ID: Ste B Soil Pile
Date (Time) Received: 02/21/2014 16:05	Laboratory ID: 4022114-11 % Solid:82.36
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Aluminum	02/26/2014	EPA 6010 C	3.69	57.6	8220	mg/kg dry	3.E
Antimony	02/26/2014	EPA 6010 C	0.40	1.67	<1.67	mg/kg dry	4.M
Arsenic	02/26/2014	EPA 6010 C	0.10	1.67	2.42	mg/kg dry	
Barium	02/26/2014	EPA 6010 C	0.18	0.96	109	mg/kg dry	
Beryllium	02/26/2014	EPA 6010 C	0.10	1.67	<1.67	mg/kg dry	
Cadmium	02/26/2014	EPA 6010 C	0.10	1.65	<1.65	mg/kg dry	
Calcium	02/26/2014	EPA 6010 C	0.301	10.0	2800	mg/kg dry	
Chromium	02/26/2014	EPA 6010 C	0.10	1.67	24.3	mg/kg dry	
Cobalt	02/26/2014	EPA 6010 C	0.0939	1.67	7.26	mg/kg dry	
Copper	02/26/2014	EPA 6010 C	0.08	1.67	23.2	mg/kg dry	
Iron	02/26/2014	EPA 6010 C	3.79	28.8	23400	mg/kg dry	3.E, 4.M
Lead	02/26/2014	EPA 6010 C	0.09	1.67	81.0	mg/kg dry	
Magnesium	02/26/2014	EPA 6010 C	0.375	5.00	2120	mg/kg dry	
Manganese	02/26/2014	EPA 6010 C	1.31	9.62	438	mg/kg dry	3.E
Nickel	02/26/2014	EPA 6010 C	0.11	1.67	13.1	mg/kg dry	
Potassium	02/26/2014	EPA 6010 C	9.20	57.6	806	mg/kg dry	3.E, 4.M
Selenium	02/26/2014	EPA 6010 C	0.33	1.67	<1.67	mg/kg dry	
Silver	02/26/2014	EPA 6010 C	0.08	1.67	<1.67	mg/kg dry	
Sodium	02/26/2014	EPA 6010 C	0.476	2.88	120	mg/kg dry	
Thallium	02/26/2014	EPA 6010 C	0.66	1.67	<1.67	mg/kg dry	
Vanadium	02/26/2014	EPA 6010 C	0.11	1.67	33.2	mg/kg dry	
Zinc	02/26/2014	EPA 6010 C	0.25	1.67	113	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	02/27/2014	EPA 7471 B	0.002	0.02	0.17	mg/kg dry	

Date Prepared: 02/24/2014

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Cyanide	02/27/2014	EPA 9014	0.01	0.12	<0.12	mg/kg dry	

Date Prepared: 02/27/2014

Preparation Method: Distillation Prep

Data Qualifiers Key Reference:

- 2.B Parameter not certifiable by ELAP.
- 2.T Sample preservation does not match batch preservation.
- 3.A Minimum detection limit raised due to matrix interference.
- 3.E Compound reported at a dilution factor.
- 4.J Continuing Calibration Verification (CCV) quality control levels low, values are considered to be estimated.
- 4.L Surrogate recovery is outside the acceptance criteria.
- 4.M LCS recovery above QC Limit.
- 4.N LCS recovery below QC limit.
- 5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation





**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 4022102

March 11, 2014

Nelson, Pope & Voorhis
Eric Arnesen
572 Walt Whitman Road
Melville, NY 11747

Re: Broadway/Decatur

Dear Eric Arnesen,

Enclosed please find the laboratory Analysis Report(s) for sample(s) recieved on February 21, 2014. Long Island Analytical laboratories analyzed the samples on February 28, 2014 for the following:

CLIENT ID	ANALYSIS
Site A- Basement SG	TO-15
Site A- SE SG	TO-15
Site B-SG1	TO-15
Site B-SG2	TO-15
Site B-SG3	TO-15
Site B-SG4	TO-15

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site A- Basement SG
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-01
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.90	5.90	<5.90	ug/m ³	6.R
Vinyl acetate	108-05-4	8.10	8.10	<8.10	ug/m ³	6.R
Trichloroethylene	79-01-6	6.20	6.20	<6.20	ug/m ³	6.R
trans-1,3-Dichloropropylene	10061-02-6	10.0	10.0	<10.0	ug/m ³	6.R
trans-1,2-Dichloroethylene	156-60-5	9.20	9.20	<9.20	ug/m ³	6.R
Toluene	108-88-3	8.70	8.70	530	ug/m ³	6.R
Tetrahydrofuran	109-99-9	6.80	6.80	<6.80	ug/m ³	6.R
Tetrachloroethylene	127-18-4	16.0	16.0	52.0	ug/m ³	6.R
Styrene	100-42-5	9.80	9.80	<9.80	ug/m ³	6.R
Propylene	115-07-1	4.00	4.00	<4.00	ug/m ³	6.R
4-Ethyltoluene	622-96-8	11.0	11.0	76.0	ug/m ³	6.R
m,p-Xylenes	108-38-3/106-42-3	20.0	20.0	330	ug/m ³	6.R
o-Xylene	95-47-6	10.0	10.0	89.0	ug/m ³	6.R
n-Hexane	110-54-3	8.10	8.10	100	ug/m ³	6.R
n-Heptane	142-82-5	9.50	9.50	75.0	ug/m ³	6.R
Methylene Chloride	75-09-2	8.00	8.00	11.0	ug/m ³	4.C, 6.R
Methyl-tert-Butyl Ether	1634-04-4	8.30	8.30	<8.30	ug/m ³	6.R
4-Methyl-2-Pentanone	108-10-1	9.50	9.50	<9.50	ug/m ³	6.R
Isopropanol	67-63-0	11.0	11.0	<11.0	ug/m ³	6.R
Hexachlorobutadiene	87-68-3	25.0	25.0	<25.0	ug/m ³	6.R
Ethylbenzene	100-41-4	10.0	10.0	94.0	ug/m ³	6.R
Cyclohexane	110-82-7	7.90	7.90	9.50	ug/m ³	6.R
cis-1,3-Dichloropropylene	10061-01-5	10.0	10.0	<10.0	ug/m ³	6.R
cis-1,2-Dichloroethylene	156-59-2	9.20	9.20	<9.20	ug/m ³	6.R
Chloromethane	74-87-3	4.80	4.80	<4.80	ug/m ³	6.R
Chloroform	67-66-3	11.0	11.0	14.0	ug/m ³	6.R
Chloroethane	75-00-3	6.10	6.10	<6.10	ug/m ³	6.R
Carbon Tetrachloride	56-23-5	7.30	7.30	<7.30	ug/m ³	6.R
Carbon disulfide	75-15-0	7.20	7.20	<7.20	ug/m ³	6.R
Bromomethane	74-83-9	9.00	9.00	<9.00	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site A- Basement SG
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-01
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Bromoform	75-25-2	24.0	24.0	<24.0	ug/m ³	6.R
Bromodichloromethane	75-27-4	14.0	14.0	<14.0	ug/m ³	6.R
Benzyl Chloride	100-44-7	12.0	12.0	<12.0	ug/m ³	6.R
Benzene	71-43-2	7.40	7.40	25.0	ug/m ³	6.R
Acetone	67-64-1	5.50	5.50	9.30	ug/m ³	6.R
Methyl Butyl Ketone (2-Hexanone)	591-78-6	19.0	19.0	<19.0	ug/m ³	6.R
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.80	6.80	<6.80	ug/m ³	6.R
1,4-Dioxane	123-91-1	8.30	8.30	<8.30	ug/m ³	6.R
1,4-Dichlorobenzene	106-46-7	14.0	14.0	<14.0	ug/m ³	6.R
1,3-Dichlorobenzene	541-73-1	14.0	14.0	<14.0	ug/m ³	6.R
1,3-Butadiene	106-99-0	10.0	10.0	<10.0	ug/m ³	6.R
1,3,5-Trimethylbenzene	108-67-8	11.0	11.0	17.0	ug/m ³	6.R
1,2-Dichlorotetrafluoroethane	76-14-2	16.0	16.0	<16.0	ug/m ³	6.R
1,2-Dichloropropane	78-87-5	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dichloroethane	107-06-2	9.30	9.30	<9.30	ug/m ³	6.R
1,2-Dichlorobenzene	95-50-1	14.0	14.0	<14.0	ug/m ³	6.R
1,2,4-Trimethylbenzene	95-63-6	11.0	11.0	54.0	ug/m ³	6.R
1,2,4-Trichlorobenzene	120-82-1	17.0	17.0	<17.0	ug/m ³	6.R
1,1-Dichloroethylene	75-35-4	9.20	9.20	<9.20	ug/m ³	6.R
1,1-Dichloroethane	75-34-3	9.30	9.30	<9.30	ug/m ³	6.R
Trichlorofluoromethane	75-69-4	13.0	13.0	<13.0	ug/m ³	6.R
1,1,2-Trichloroethane	79-00-5	13.0	13.0	<13.0	ug/m ³	6.R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	18.0	18.0	<18.0	ug/m ³	6.R
1,1,2,2-Tetrachloroethane	79-34-5	16.0	16.0	<16.0	ug/m ³	6.R
1,1,1-Trichloroethane	71-55-6	13.0	13.0	<13.0	ug/m ³	6.R
Dichlorodifluoromethane	75-71-8	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dibromoethane	106-93-4	18.0	18.0	<18.0	ug/m ³	6.R
Dibromochloromethane	124-48-1	19.0	19.0	<19.0	ug/m ³	6.R
Methyl Methacrylate	80-62-6	9.00	9.00	<9.00	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site A- Basement SG
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-01
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	11.0	11.0	<11.0	ug/m ³	6.R

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
4-Bromofluorobenzene	460-00-4	99	70-130	6.R

Date Prepared: 02/26/2014

Preparation Method: Outside Preparation

Date Analyzed: 02/27/2014

Analytical Method: TO-15

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site A- SE SG
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-02
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	7.50	7.50	<7.50	ug/m ³	6.R
Vinyl acetate	108-05-4	10.0	10.0	<10.0	ug/m ³	6.R
Trichloroethylene	79-01-6	7.90	7.90	<7.90	ug/m ³	6.R
trans-1,3-Dichloropropylene	10061-02-6	13.0	13.0	<13.0	ug/m ³	6.R
trans-1,2-Dichloroethylene	156-60-5	12.0	12.0	<12.0	ug/m ³	6.R
Toluene	108-88-3	11.0	11.0	110	ug/m ³	6.R
Tetrahydrofuran	109-99-9	8.60	8.60	<8.60	ug/m ³	6.R
Tetrachloroethylene	127-18-4	20.0	20.0	<20.0	ug/m ³	6.R
Styrene	100-42-5	12.0	12.0	<12.0	ug/m ³	6.R
Propylene	115-07-1	5.00	5.00	<5.00	ug/m ³	6.R
4-Ethyltoluene	622-96-8	14.0	14.0	24.0	ug/m ³	6.R
m,p-Xylenes	108-38-3/106-42-3	25.0	25.0	98.0	ug/m ³	6.R
o-Xylene	95-47-6	13.0	13.0	29.0	ug/m ³	6.R
n-Hexane	110-54-3	10.0	10.0	110	ug/m ³	6.R
n-Heptane	142-82-5	12.0	12.0	35.0	ug/m ³	6.R
Methylene Chloride	75-09-2	10.0	10.0	<10.0	ug/m ³	4.C, 6.R
Methyl-tert-Butyl Ether	1634-04-4	11.0	11.0	<11.0	ug/m ³	6.R
4-Methyl-2-Pentanone	108-10-1	12.0	12.0	<12.0	ug/m ³	6.R
Isopropanol	67-63-0	14.0	14.0	<14.0	ug/m ³	6.R
Hexachlorobutadiene	87-68-3	31.0	31.0	<31.0	ug/m ³	6.R
Ethylbenzene	100-41-4	13.0	13.0	29.0	ug/m ³	6.R
Cyclohexane	110-82-7	10.0	10.0	11.0	ug/m ³	6.R
cis-1,3-Dichloropropylene	10061-01-5	13.0	13.0	<13.0	ug/m ³	6.R
cis-1,2-Dichloroethylene	156-59-2	12.0	12.0	<12.0	ug/m ³	6.R
Chloromethane	74-87-3	6.00	6.00	<6.00	ug/m ³	6.R
Chloroform	67-66-3	14.0	14.0	<14.0	ug/m ³	6.R
Chloroethane	75-00-3	7.70	7.70	<7.70	ug/m ³	6.R
Carbon Tetrachloride	56-23-5	9.20	9.20	<9.20	ug/m ³	6.R
Carbon disulfide	75-15-0	9.10	9.10	<9.10	ug/m ³	6.R
Bromomethane	74-83-9	11.0	11.0	<11.0	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site A- SE SG
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-02
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Bromoform	75-25-2	30.0	30.0	<30.0	ug/m ³	6.R
Bromodichloromethane	75-27-4	18.0	18.0	<18.0	ug/m ³	6.R
Benzyl Chloride	100-44-7	15.0	15.0	<15.0	ug/m ³	6.R
Benzene	71-43-2	9.40	9.40	23.0	ug/m ³	6.R
Acetone	67-64-1	7.00	7.00	200	ug/m ³	6.R
Methyl Butyl Ketone (2-Hexanone)	591-78-6	24.0	24.0	<24.0	ug/m ³	6.R
Methyl Ethyl Ketone (2-Butanone)	78-93-3	8.60	8.60	38.0	ug/m ³	6.R
1,4-Dioxane	123-91-1	11.0	11.0	<11.0	ug/m ³	6.R
1,4-Dichlorobenzene	106-46-7	18.0	18.0	<18.0	ug/m ³	6.R
1,3-Dichlorobenzene	541-73-1	18.0	18.0	<18.0	ug/m ³	6.R
1,3-Butadiene	106-99-0	13.0	13.0	<13.0	ug/m ³	6.R
1,3,5-Trimethylbenzene	108-67-8	14.0	14.0	<14.0	ug/m ³	6.R
1,2-Dichlorotetrafluoroethane	76-14-2	20.0	20.0	<20.0	ug/m ³	6.R
1,2-Dichloropropane	78-87-5	14.0	14.0	<14.0	ug/m ³	6.R
1,2-Dichloroethane	107-06-2	12.0	12.0	<12.0	ug/m ³	6.R
1,2-Dichlorobenzene	95-50-1	18.0	18.0	<18.0	ug/m ³	6.R
1,2,4-Trimethylbenzene	95-63-6	14.0	14.0	20.0	ug/m ³	6.R
1,2,4-Trichlorobenzene	120-82-1	22.0	22.0	<22.0	ug/m ³	6.R
1,1-Dichloroethylene	75-35-4	12.0	12.0	<12.0	ug/m ³	6.R
1,1-Dichloroethane	75-34-3	12.0	12.0	<12.0	ug/m ³	6.R
Trichlorofluoromethane	75-69-4	16.0	16.0	<16.0	ug/m ³	6.R
1,1,2-Trichloroethane	79-00-5	16.0	16.0	<16.0	ug/m ³	6.R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	22.0	22.0	<22.0	ug/m ³	6.R
1,1,2,2-Tetrachloroethane	79-34-5	20.0	20.0	<20.0	ug/m ³	6.R
1,1,1-Trichloroethane	71-55-6	16.0	16.0	<16.0	ug/m ³	6.R
Dichlorodifluoromethane	75-71-8	14.0	14.0	<14.0	ug/m ³	6.R
1,2-Dibromoethane	106-93-4	23.0	23.0	<23.0	ug/m ³	6.R
Dibromochloromethane	124-48-1	24.0	24.0	<24.0	ug/m ³	6.R
Methyl Methacrylate	80-62-6	12.0	12.0	<12.0	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site A- SE SG
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-02
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	13.0	13.0	<13.0	ug/m ³	6.R

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
4-Bromofluorobenzene	460-00-4	88	70-130	6.R

Date Prepared: 02/26/2014

Preparation Method: Outside Preparation

Date Analyzed: 02/27/2014

Analytical Method: TO-15

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG1
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-03
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.70	5.70	<5.70	ug/m ³	6.R
Vinyl acetate	108-05-4	7.80	7.80	<7.80	ug/m ³	6.R
Trichloroethylene	79-01-6	6.00	6.00	<6.00	ug/m ³	6.R
trans-1,3-Dichloropropylene	10061-02-6	10.0	10.0	<10.0	ug/m ³	6.R
trans-1,2-Dichloroethylene	156-60-5	8.80	8.80	<8.80	ug/m ³	6.R
Toluene	108-88-3	8.40	8.40	150	ug/m ³	6.R
Tetrahydrofuran	109-99-9	6.60	6.60	<6.60	ug/m ³	6.R
Tetrachloroethylene	127-18-4	15.0	15.0	<15.0	ug/m ³	6.R
Styrene	100-42-5	9.50	9.50	<9.50	ug/m ³	6.R
Propylene	115-07-1	3.80	3.80	<3.80	ug/m ³	6.R
4-Ethyltoluene	622-96-8	11.0	11.0	23.0	ug/m ³	6.R
m,p-Xylenes	108-38-3/106-42-3	19.0	19.0	120	ug/m ³	6.R
o-Xylene	95-47-6	9.70	9.70	33.0	ug/m ³	6.R
n-Hexane	110-54-3	7.90	7.90	29.0	ug/m ³	6.R
n-Heptane	142-82-5	9.10	9.10	18.0	ug/m ³	6.R
Methylene Chloride	75-09-2	7.70	7.70	17.0	ug/m ³	4.C, 6.R
Methyl-tert-Butyl Ether	1634-04-4	8.00	8.00	<8.00	ug/m ³	6.R
4-Methyl-2-Pentanone	108-10-1	9.10	9.10	<9.10	ug/m ³	6.R
Isopropanol	67-63-0	11.0	11.0	<11.0	ug/m ³	6.R
Hexachlorobutadiene	87-68-3	24.0	24.0	<24.0	ug/m ³	6.R
Ethylbenzene	100-41-4	9.70	9.70	32.0	ug/m ³	6.R
Cyclohexane	110-82-7	7.70	7.70	<7.70	ug/m ³	6.R
cis-1,3-Dichloropropylene	10061-01-5	10.0	10.0	<10.0	ug/m ³	6.R
cis-1,2-Dichloroethylene	156-59-2	8.80	8.80	<8.80	ug/m ³	6.R
Chloromethane	74-87-3	4.60	4.60	<4.60	ug/m ³	6.R
Chloroform	67-66-3	11.0	11.0	<11.0	ug/m ³	6.R
Chloroethane	75-00-3	5.90	5.90	<5.90	ug/m ³	6.R
Carbon Tetrachloride	56-23-5	7.00	7.00	<7.00	ug/m ³	6.R
Carbon disulfide	75-15-0	6.90	6.90	<6.90	ug/m ³	6.R
Bromomethane	74-83-9	8.70	8.70	<8.70	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG1
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-03
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Bromoform	75-25-2	23.0	23.0	<23.0	ug/m ³	6.R
Bromodichloromethane	75-27-4	14.0	14.0	<14.0	ug/m ³	6.R
Benzyl Chloride	100-44-7	12.0	12.0	<12.0	ug/m ³	6.R
Benzene	71-43-2	7.10	7.10	7.10	ug/m ³	6.R
Acetone	67-64-1	5.30	5.30	11.0	ug/m ³	6.R
Methyl Butyl Ketone (2-Hexanone)	591-78-6	18.0	18.0	<18.0	ug/m ³	6.R
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.60	6.60	<6.60	ug/m ³	6.R
1,4-Dioxane	123-91-1	8.00	8.00	<8.00	ug/m ³	6.R
1,4-Dichlorobenzene	106-46-7	13.0	13.0	<13.0	ug/m ³	6.R
1,3-Dichlorobenzene	541-73-1	13.0	13.0	<13.0	ug/m ³	6.R
1,3-Butadiene	106-99-0	9.70	9.70	<9.70	ug/m ³	6.R
1,3,5-Trimethylbenzene	108-67-8	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dichlorotetrafluoroethane	76-14-2	16.0	16.0	<16.0	ug/m ³	6.R
1,2-Dichloropropane	78-87-5	10.0	10.0	<10.0	ug/m ³	6.R
1,2-Dichloroethane	107-06-2	9.00	9.00	<9.00	ug/m ³	6.R
1,2-Dichlorobenzene	95-50-1	13.0	13.0	<13.0	ug/m ³	6.R
1,2,4-Trimethylbenzene	95-63-6	11.0	11.0	26.0	ug/m ³	6.R
1,2,4-Trichlorobenzene	120-82-1	17.0	17.0	<17.0	ug/m ³	6.R
1,1-Dichloroethylene	75-35-4	8.80	8.80	<8.80	ug/m ³	6.R
1,1-Dichloroethane	75-34-3	9.00	9.00	<9.00	ug/m ³	6.R
Trichlorofluoromethane	75-69-4	13.0	13.0	<13.0	ug/m ³	6.R
1,1,2-Trichloroethane	79-00-5	12.0	12.0	<12.0	ug/m ³	6.R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	17.0	17.0	<17.0	ug/m ³	6.R
1,1,2,2-Tetrachloroethane	79-34-5	15.0	15.0	<15.0	ug/m ³	6.R
1,1,1-Trichloroethane	71-55-6	12.0	12.0	<12.0	ug/m ³	6.R
Dichlorodifluoromethane	75-71-8	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dibromoethane	106-93-4	17.0	17.0	<17.0	ug/m ³	6.R
Dibromochloromethane	124-48-1	18.0	18.0	<18.0	ug/m ³	6.R
Methyl Methacrylate	80-62-6	9.10	9.10	<9.10	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG1
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-03
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	10.0	10.0	<10.0	ug/m ³	6.R

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
4-Bromofluorobenzene	460-00-4	85	70-130	6.R

Date Prepared: 02/26/2014

Preparation Method: Outside Preparation

Date Analyzed: 02/27/2014

Analytical Method: TO-15



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Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG2
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-04
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.50	5.50	<5.50	ug/m ³	6.R
Vinyl acetate	108-05-4	7.50	7.50	<7.50	ug/m ³	6.R
Trichloroethylene	79-01-6	5.70	5.70	<5.70	ug/m ³	6.R
trans-1,3-Dichloropropylene	10061-02-6	9.70	9.70	<9.70	ug/m ³	6.R
trans-1,2-Dichloroethylene	156-60-5	8.50	8.50	<8.50	ug/m ³	6.R
Toluene	108-88-3	8.00	8.00	130	ug/m ³	6.R
Tetrahydrofuran	109-99-9	6.30	6.30	<6.30	ug/m ³	6.R
Tetrachloroethylene	127-18-4	14.0	14.0	<14.0	ug/m ³	6.R
Styrene	100-42-5	9.10	9.10	<9.10	ug/m ³	6.R
Propylene	115-07-1	3.70	3.70	<3.70	ug/m ³	6.R
4-Ethyltoluene	622-96-8	10.0	10.0	27.0	ug/m ³	6.R
m,p-Xylenes	108-38-3/106-42-3	19.0	19.0	110	ug/m ³	6.R
o-Xylene	95-47-6	9.30	9.30	30.0	ug/m ³	6.R
n-Hexane	110-54-3	7.50	7.50	36.0	ug/m ³	6.R
n-Heptane	142-82-5	8.80	8.80	21.0	ug/m ³	6.R
Methylene Chloride	75-09-2	7.40	7.40	25.0	ug/m ³	4.C, 6.R
Methyl-tert-Butyl Ether	1634-04-4	7.70	7.70	<7.70	ug/m ³	6.R
4-Methyl-2-Pentanone	108-10-1	8.70	8.70	<8.70	ug/m ³	6.R
Isopropanol	67-63-0	10.0	10.0	<10.0	ug/m ³	6.R
Hexachlorobutadiene	87-68-3	23.0	23.0	<23.0	ug/m ³	6.R
Ethylbenzene	100-41-4	9.30	9.30	31.0	ug/m ³	6.R
Cyclohexane	110-82-7	7.40	7.40	<7.40	ug/m ³	6.R
cis-1,3-Dichloropropylene	10061-01-5	9.70	9.70	<9.70	ug/m ³	6.R
cis-1,2-Dichloroethylene	156-59-2	8.50	8.50	<8.50	ug/m ³	6.R
Chloromethane	74-87-3	4.40	4.40	<4.40	ug/m ³	6.R
Chloroform	67-66-3	10.0	10.0	<10.0	ug/m ³	6.R
Chloroethane	75-00-3	5.60	5.60	<5.60	ug/m ³	6.R
Carbon Tetrachloride	56-23-5	6.70	6.70	<6.70	ug/m ³	6.R
Carbon disulfide	75-15-0	6.70	6.70	<6.70	ug/m ³	6.R
Bromomethane	74-83-9	8.30	8.30	<8.30	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG2
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-04
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Bromoform	75-25-2	22.0	22.0	<22.0	ug/m ³	6.R
Bromodichloromethane	75-27-4	13.0	13.0	<13.0	ug/m ³	6.R
Benzyl Chloride	100-44-7	11.0	11.0	<11.0	ug/m ³	6.R
Benzene	71-43-2	6.80	6.80	8.20	ug/m ³	6.R
Acetone	67-64-1	5.10	5.10	13.0	ug/m ³	6.R
Methyl Butyl Ketone (2-Hexanone)	591-78-6	17.0	17.0	<17.0	ug/m ³	6.R
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.30	6.30	<6.30	ug/m ³	6.R
1,4-Dioxane	123-91-1	7.70	7.70	<7.70	ug/m ³	6.R
1,4-Dichlorobenzene	106-46-7	13.0	13.0	<13.0	ug/m ³	6.R
1,3-Dichlorobenzene	541-73-1	13.0	13.0	<13.0	ug/m ³	6.R
1,3-Butadiene	106-99-0	9.30	9.30	<9.30	ug/m ³	6.R
1,3,5-Trimethylbenzene	108-67-8	10.0	10.0	<10.0	ug/m ³	6.R
1,2-Dichlorotetrafluoroethane	76-14-2	15.0	15.0	<15.0	ug/m ³	6.R
1,2-Dichloropropane	78-87-5	9.90	9.90	<9.90	ug/m ³	6.R
1,2-Dichloroethane	107-06-2	8.60	8.60	<8.60	ug/m ³	6.R
1,2-Dichlorobenzene	95-50-1	13.0	13.0	<13.0	ug/m ³	6.R
1,2,4-Trimethylbenzene	95-63-6	10.0	10.0	20.0	ug/m ³	6.R
1,2,4-Trichlorobenzene	120-82-1	16.0	16.0	<16.0	ug/m ³	6.R
1,1-Dichloroethylene	75-35-4	8.50	8.50	<8.50	ug/m ³	6.R
1,1-Dichloroethane	75-34-3	8.60	8.60	<8.60	ug/m ³	6.R
Trichlorofluoromethane	75-69-4	12.0	12.0	14.0	ug/m ³	6.R
1,1,2-Trichloroethane	79-00-5	12.0	12.0	<12.0	ug/m ³	6.R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	16.0	16.0	<16.0	ug/m ³	6.R
1,1,2,2-Tetrachloroethane	79-34-5	15.0	15.0	<15.0	ug/m ³	6.R
1,1,1-Trichloroethane	71-55-6	12.0	12.0	<12.0	ug/m ³	6.R
Dichlorodifluoromethane	75-71-8	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dibromoethane	106-93-4	16.0	16.0	<16.0	ug/m ³	6.R
Dibromochloromethane	124-48-1	17.0	17.0	<17.0	ug/m ³	6.R
Methyl Methacrylate	80-62-6	8.70	8.70	<8.70	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG2
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-04
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	9.80	9.80	<9.80	ug/m ³	6.R

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
4-Bromofluorobenzene	460-00-4	90	70-130	6.R

Date Prepared: 02/26/2014

Preparation Method: Outside Preparation

Date Analyzed: 02/27/2014

Analytical Method: TO-15

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG3
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-05
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	6.00	6.00	<6.00	ug/m ³	6.R
Vinyl acetate	108-05-4	8.30	8.30	<8.30	ug/m ³	6.R
Trichloroethylene	79-01-6	6.30	6.30	<6.30	ug/m ³	6.R
trans-1,3-Dichloropropylene	10061-02-6	11.0	11.0	<11.0	ug/m ³	6.R
trans-1,2-Dichloroethylene	156-60-5	9.30	9.30	<9.30	ug/m ³	6.R
Toluene	108-88-3	8.90	8.90	160	ug/m ³	6.R
Tetrahydrofuran	109-99-9	6.90	6.90	<6.90	ug/m ³	6.R
Tetrachloroethylene	127-18-4	16.0	16.0	<16.0	ug/m ³	6.R
Styrene	100-42-5	10.0	10.0	<10.0	ug/m ³	6.R
Propylene	115-07-1	4.00	4.00	<4.00	ug/m ³	6.R
4-Ethyltoluene	622-96-8	12.0	12.0	29.0	ug/m ³	6.R
m,p-Xylenes	108-38-3/106-42-3	20.0	20.0	130	ug/m ³	6.R
o-Xylene	95-47-6	10.0	10.0	33.0	ug/m ³	6.R
n-Hexane	110-54-3	8.30	8.30	32.0	ug/m ³	6.R
n-Heptane	142-82-5	9.60	9.60	21.0	ug/m ³	6.R
Methylene Chloride	75-09-2	8.20	8.20	11.0	ug/m ³	4.C, 6.R
Methyl-tert-Butyl Ether	1634-04-4	8.50	8.50	<8.50	ug/m ³	6.R
4-Methyl-2-Pentanone	108-10-1	9.60	9.60	<9.60	ug/m ³	6.R
Isopropanol	67-63-0	12.0	12.0	<12.0	ug/m ³	6.R
Hexachlorobutadiene	87-68-3	25.0	25.0	<25.0	ug/m ³	6.R
Ethylbenzene	100-41-4	10.0	10.0	35.0	ug/m ³	6.R
Cyclohexane	110-82-7	8.10	8.10	<8.10	ug/m ³	6.R
cis-1,3-Dichloropropylene	10061-01-5	11.0	11.0	<11.0	ug/m ³	6.R
cis-1,2-Dichloroethylene	156-59-2	9.30	9.30	<9.30	ug/m ³	6.R
Chloromethane	74-87-3	4.90	4.90	<4.90	ug/m ³	6.R
Chloroform	67-66-3	11.0	11.0	<11.0	ug/m ³	6.R
Chloroethane	75-00-3	6.20	6.20	<6.20	ug/m ³	6.R
Carbon Tetrachloride	56-23-5	7.40	7.40	<7.40	ug/m ³	6.R
Carbon disulfide	75-15-0	7.30	7.30	<7.30	ug/m ³	6.R
Bromomethane	74-83-9	9.10	9.10	<9.10	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG3
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-05
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Bromoform	75-25-2	24.0	24.0	<24.0	ug/m ³	6.R
Bromodichloromethane	75-27-4	15.0	15.0	<15.0	ug/m ³	6.R
Benzyl Chloride	100-44-7	12.0	12.0	<12.0	ug/m ³	6.R
Benzene	71-43-2	7.50	7.50	8.30	ug/m ³	6.R
Acetone	67-64-1	5.60	5.60	11.0	ug/m ³	6.R
Methyl Butyl Ketone (2-Hexanone)	591-78-6	19.0	19.0	<19.0	ug/m ³	6.R
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.90	6.90	<6.90	ug/m ³	6.R
1,4-Dioxane	123-91-1	8.50	8.50	<8.50	ug/m ³	6.R
1,4-Dichlorobenzene	106-46-7	14.0	14.0	<14.0	ug/m ³	6.R
1,3-Dichlorobenzene	541-73-1	14.0	14.0	<14.0	ug/m ³	6.R
1,3-Butadiene	106-99-0	10.0	10.0	<10.0	ug/m ³	6.R
1,3,5-Trimethylbenzene	108-67-8	12.0	12.0	<12.0	ug/m ³	6.R
1,2-Dichlorotetrafluoroethane	76-14-2	16.0	16.0	<16.0	ug/m ³	6.R
1,2-Dichloropropane	78-87-5	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dichloroethane	107-06-2	9.50	9.50	<9.50	ug/m ³	6.R
1,2-Dichlorobenzene	95-50-1	14.0	14.0	<14.0	ug/m ³	6.R
1,2,4-Trimethylbenzene	95-63-6	12.0	12.0	20.0	ug/m ³	6.R
1,2,4-Trichlorobenzene	120-82-1	17.0	17.0	<17.0	ug/m ³	6.R
1,1-Dichloroethylene	75-35-4	9.30	9.30	<9.30	ug/m ³	6.R
1,1-Dichloroethane	75-34-3	9.50	9.50	<9.50	ug/m ³	6.R
Trichlorofluoromethane	75-69-4	13.0	13.0	<13.0	ug/m ³	6.R
1,1,2-Trichloroethane	79-00-5	13.0	13.0	<13.0	ug/m ³	6.R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	18.0	18.0	<18.0	ug/m ³	6.R
1,1,2,2-Tetrachloroethane	79-34-5	16.0	16.0	<16.0	ug/m ³	6.R
1,1,1-Trichloroethane	71-55-6	13.0	13.0	<13.0	ug/m ³	6.R
Dichlorodifluoromethane	75-71-8	12.0	12.0	<12.0	ug/m ³	6.R
1,2-Dibromoethane	106-93-4	18.0	18.0	<18.0	ug/m ³	6.R
Dibromochloromethane	124-48-1	19.0	19.0	<19.0	ug/m ³	6.R
Methyl Methacrylate	80-62-6	9.60	9.60	<9.60	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG3
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-05
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	11.0	11.0	<11.0	ug/m ³	6.R

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
4-Bromofluorobenzene	460-00-4	86	70-130	6.R

Date Prepared: 02/26/2014

Preparation Method: Outside Preparation

Date Analyzed: 02/27/2014

Analytical Method: TO-15

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG4
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-06
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.60	5.60	<5.60	ug/m ³	6.R
Vinyl acetate	108-05-4	7.80	7.80	<7.80	ug/m ³	6.R
Trichloroethylene	79-01-6	5.90	5.90	<5.90	ug/m ³	6.R
trans-1,3-Dichloropropylene	10061-02-6	10.0	10.0	<10.0	ug/m ³	6.R
trans-1,2-Dichloroethylene	156-60-5	8.80	8.80	<8.80	ug/m ³	6.R
Toluene	108-88-3	8.30	8.30	460	ug/m ³	6.R
Tetrahydrofuran	109-99-9	6.50	6.50	<6.50	ug/m ³	6.R
Tetrachloroethylene	127-18-4	15.0	15.0	<15.0	ug/m ³	6.R
Styrene	100-42-5	9.40	9.40	<9.40	ug/m ³	6.R
Propylene	115-07-1	3.80	3.80	11.0	ug/m ³	6.R
4-Ethyltoluene	622-96-8	11.0	11.0	25.0	ug/m ³	6.R
m,p-Xylenes	108-38-3/106-42-3	19.0	19.0	200	ug/m ³	6.R
o-Xylene	95-47-6	9.60	9.60	49.0	ug/m ³	6.R
n-Hexane	110-54-3	7.80	7.80	110	ug/m ³	6.R
n-Heptane	142-82-5	9.10	9.10	68.0	ug/m ³	6.R
Methylene Chloride	75-09-2	7.70	7.70	13.0	ug/m ³	4.C, 6.R
Methyl-tert-Butyl Ether	1634-04-4	8.00	8.00	<8.00	ug/m ³	6.R
4-Methyl-2-Pentanone	108-10-1	9.00	9.00	<9.00	ug/m ³	6.R
Isopropanol	67-63-0	11.0	11.0	<11.0	ug/m ³	6.R
Hexachlorobutadiene	87-68-3	24.0	24.0	<24.0	ug/m ³	6.R
Ethylbenzene	100-41-4	9.60	9.60	65.0	ug/m ³	6.R
Cyclohexane	110-82-7	7.60	7.60	9.90	ug/m ³	6.R
cis-1,3-Dichloropropylene	10061-01-5	10.0	10.0	<10.0	ug/m ³	6.R
cis-1,2-Dichloroethylene	156-59-2	8.80	8.80	<8.80	ug/m ³	6.R
Chloromethane	74-87-3	4.60	4.60	<4.60	ug/m ³	6.R
Chloroform	67-66-3	11.0	11.0	<11.0	ug/m ³	6.R
Chloroethane	75-00-3	5.80	5.80	<5.80	ug/m ³	6.R
Carbon Tetrachloride	56-23-5	6.90	6.90	<6.90	ug/m ³	6.R
Carbon disulfide	75-15-0	6.90	6.90	8.90	ug/m ³	6.R
Bromomethane	74-83-9	8.60	8.60	<8.60	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG4
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-06
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Bromoform	75-25-2	23.0	23.0	<23.0	ug/m ³	6.R
Bromodichloromethane	75-27-4	14.0	14.0	<14.0	ug/m ³	6.R
Benzyl Chloride	100-44-7	11.0	11.0	<11.0	ug/m ³	6.R
Benzene	71-43-2	7.10	7.10	25.0	ug/m ³	6.R
Acetone	67-64-1	5.20	5.20	37.0	ug/m ³	6.R
Methyl Butyl Ketone (2-Hexanone)	591-78-6	18.0	18.0	<18.0	ug/m ³	6.R
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.50	6.50	<6.50	ug/m ³	6.R
1,4-Dioxane	123-91-1	8.00	8.00	<8.00	ug/m ³	6.R
1,4-Dichlorobenzene	106-46-7	13.0	13.0	<13.0	ug/m ³	6.R
1,3-Dichlorobenzene	541-73-1	13.0	13.0	<13.0	ug/m ³	6.R
1,3-Butadiene	106-99-0	9.60	9.60	<9.60	ug/m ³	6.R
1,3,5-Trimethylbenzene	108-67-8	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dichlorotetrafluoroethane	76-14-2	15.0	15.0	<15.0	ug/m ³	6.R
1,2-Dichloropropane	78-87-5	10.0	10.0	<10.0	ug/m ³	6.R
1,2-Dichloroethane	107-06-2	8.90	8.90	<8.90	ug/m ³	6.R
1,2-Dichlorobenzene	95-50-1	13.0	13.0	<13.0	ug/m ³	6.R
1,2,4-Trimethylbenzene	95-63-6	11.0	11.0	12.0	ug/m ³	6.R
1,2,4-Trichlorobenzene	120-82-1	16.0	16.0	<16.0	ug/m ³	6.R
1,1-Dichloroethylene	75-35-4	8.80	8.80	<8.80	ug/m ³	6.R
1,1-Dichloroethane	75-34-3	8.90	8.90	<8.90	ug/m ³	6.R
Trichlorofluoromethane	75-69-4	12.0	12.0	<12.0	ug/m ³	6.R
1,1,2-Trichloroethane	79-00-5	12.0	12.0	<12.0	ug/m ³	6.R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	17.0	17.0	<17.0	ug/m ³	6.R
1,1,2,2-Tetrachloroethane	79-34-5	15.0	15.0	<15.0	ug/m ³	6.R
1,1,1-Trichloroethane	71-55-6	12.0	12.0	<12.0	ug/m ³	6.R
Dichlorodifluoromethane	75-71-8	11.0	11.0	<11.0	ug/m ³	6.R
1,2-Dibromoethane	106-93-4	17.0	17.0	<17.0	ug/m ³	6.R
Dibromochloromethane	124-48-1	18.0	18.0	<18.0	ug/m ³	6.R
Methyl Methacrylate	80-62-6	9.00	9.00	<9.00	ug/m ³	6.R

Client: Nelson, Pope & Voorhis	Client ID: Broadway/Decatur
Date (Time) Collected: 02/20/2014 00:00	Sample ID: Site B-SG4
Date (Time) Received: 02/21/2014 09:53	Laboratory ID: 4022102-06
Matrix: Air	ELAP: #11693

Subcontracted Analyses

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	10.0	10.0	<10.0	ug/m ³	6.R

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
4-Bromofluorobenzene	460-00-4	91	70-130	6.R

Date Prepared: 02/26/2014

Preparation Method: Outside Preparation

Date Analyzed: 02/28/2014

Analytical Method: TO-15

Data Qualifiers Key Reference:

4.C Target compound found in blank.
 6.R Subcontractor ELAP #10854
 MDL Minimum Detection Limit
 LOQ Limit of Quantitation

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
NYW 572 Van Wyck Ave. Jamaica NY 11432

CONTACT: *Eric Asser*

PHONE: *423-5665*

FAX:

EMAIL:

SAMPLER (SIGNATURE)
Eric Asser

SAMPLER NAME (PRINT)
Eric Asser

SAMPLES RECEIVED AT
N/A OC

ANALYSIS REQUIRED
Te-15

SAMPLER(S) SEALED
 YES / NO

CORRECT CONTAINER(S)
 YES / NO

4022102

1/IN

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard Terms

PROJECT LOCATION:
Bronx/Denver

LABORATORY ID # <small>For Laboratory Use Only</small>	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
1. <i>101101-01</i>	<i>A</i>	<i>G</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2/20/14</i>		<i>Sample A - Boxes 56</i>	<i>X</i>	<i>1</i>
2. <i>02</i>								<i>Sample A - SE 56</i>		
3. <i>03</i>								<i>Sample B - 561</i>		
4. <i>04</i>								<i>Sample B - 562</i>		
5. <i>05</i>								<i>Sample B - 563</i>		
6. <i>06</i>								<i>Sample B - 564</i>		
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										

MATRIX: S=SOL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIFE;
 PC=PAINT CHIPS; BM=BIULK MATERIAL; O=OIL; WM=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER

RELINQUISHED BY (SIGNATURE)
Eric Asser

DATE *2/20/14* TIME *8:00*

PRINTED NAME *Eric Asser*

RECEIVED BY (SIGNATURE)
Mary Garcia

DATE *2/20/14* TIME *8:50*

PRINTED NAME *M. Fava*

RELINQUISHED BY (SIGNATURE)
Eric Asser

DATE *2/20/14* TIME *9:52AM*

PRINTED NAME *Ben Lamberson*

TURNAROUND REQUIRED: NORMAL STAT

COMMENTS / INSTRUCTIONS

WHITE - OFFICE / CANARY - SAMPLE CUSTODIAN / PINK - CLIENT
 NYSDOH ELAP# 11693 USEPA# NY01273 CTDOH# PH-0284 NJDEP# NY012 PADEP# 68-2943

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 24

YOUR Information

Company: NYV
Address: 572 West Main Road
Meriden NM 11747
Phone No: 931-407-5665
Contact Person: Boac Asista
E-Mail Address: Boac.asista@nyv.com

Report To:

Company: SAB
Address: _____
Phone No: _____
Attention: _____
E-Mail Address: _____

Invoice To:

Company: SAB
Address: _____
Phone No: _____
Attention: _____
E-Mail Address: _____

YOUR Project ID

Company: SAB
Address: _____
Phone No: _____
Attention: _____
E-Mail Address: _____

Turn-Around Time

RUSH - Same Day
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard(5-7 Days)

Report Type/Deliverables

Summary Report _____
Summary w/ QA Summary _____
CT RCP Package _____
NY ASP A Package _____
NY ASP B/CLP Pkg _____
NJDEP Reduced _____
Electronic Deliverables: _____
EDD (Specify Type) _____
Standard Excel _____
Regulatory Comparison Excel _____

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): Boac Asista

Name (printed): Boac Asista

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analytes Needed from the Menu Above and Enter Below	Sampling Media
Site A - Baseline S6	2/26/14	AS	30	9	EPA TO-15	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
Site A - SE S6			38	27		6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
Site B - S61			30	9		6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
Site B - S62			26	7		6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
Site B - S63			30	9		6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
Site B - S64			30	8		6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>

Comments

Site A - SE S6 Dam For Cars
Curb road 1"

Canister Relinquished By: Boac Asista Date/Time: 2-27-14 9:56 AM
Samples Relinquished By: Boac Asista Date/Time: 2-27-14 9:56 AM

Samples Received By: _____ Date/Time: _____
Samples Received in LAB by: _____ Date/Time: _____

Appendix 3

Soil Boring Geologic Logs

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-1
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe
Site: 1676 Broadway	Driller: Ken and Harold
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/15/15	Drilling Equip: Geoprobe 5410
Total Boring Depth: 12 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown fine sand, little fine gravel	0.0-0.5	4.1	
	0.5-1.0	4.1	
	1.0-1.5	4.1	SB-1-1
	1.5-2.0	4.1	
Gray sand with small gravel	2.0-2.5	4.1	
	2.5-3.0	4.1	
Brown and gray sand and silt	3.0-3.5	4.1	
	3.5-4.0	4.1	
	4.0-4.5	4.1	
	4.5-5.0	4.1	
	5.0-5.5	11.7	
	5.5-6.0	11.7	WC-1-4, SB-1-2
	6.0-6.5	11.7	WC-1-5
Brown fine silty sand	6.5-7.0	11.7	
	7.0-7.5	11.7	
	7.5-8.0	11.7	
	8.0-8.5	11.7	
	8.5-9.0	11.7	
	9.0-9.5	11.7	
	9.5-10.0	11.7	
	10.0-10.5	11.7	WC-3-4
Brown fine sand	10.5-11.0	10.9	WC-3-5
	11.0-11.5	10.9	
	11.5-12.0	10.9	

Boring Terminated at 12.0 feet below ground surface.

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-1-A		
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe		
Site: 1676 Broadway	Driller: Ken and Harold		
Sampler: Bethany Schneider	Drilling Method: Geoprobe		
Date: 5/15/15	Drilling Equip: Geoprobe 5410		
Total Boring Depth: 7 feet	Static Water: Not Observed		
GEOLOGIC LOG			
	Depth (ft)	PID (ppm)	Sample Depth (ft)
Tan fine sand	0.0-0.5	2.2	
	0.5-1.0	2.2	
	1.0-1.5	2.2	
	1.5-2.0	2.2	
	2.0-2.5	2.2	
	2.5-3.0	2.2	
	3.0-3.5	2.2	
	3.5-4.0	2.2	
	4.0-4.5	2.2	
Fine brown sand	4.5-5.0	2.2	
	5.0-5.5	6.0	
Gravel	5.5-6.0	6.0	SB-1-2 DUP
	6.0-6.5	6.0	
Fine brown sand with some pebbles	6.5-7.0	6.0	
Boring Terminated at 7.0 feet below ground surface.			

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-2/TW-1		
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe		
Site: 1676 Broadway	Driller: Ken and Harold		
Sampler: Bethany Schneider	Drilling Method: Geoprobe		
Date: 5/15/15	Drilling Equip: Geoprobe 5410		
Total Boring Depth: 38 feet	Static Water: Not Observed		
GEOLOGIC LOG			
	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown coarse sand	0.0-0.5	0.0	
	0.5-1.0	0.0	
Brown fine silt and sand	1.0-1.5	0.0	
	1.5-2.0	0.0	
	2.0-2.5	0.0	SB-2-1
Brown medium sand	2.5-3.0	0.0	
	3.0-3.5	0.0	
	3.5-4.0	0.0	
	4.0-4.5	0.0	
	4.5-5.0	0.0	
Brown fine sand	5.0-5.5	0.4	WC-1 (VOCs)
	5.5-6.0	0.4	
	6.0-6.5	0.4	
	6.5-7.0	0.4	
	7.0-7.5	0.4	
	7.5-8.0	0.4	
	8.0-8.5	0.4	
	8.5-9.0	0.4	
	9.0-9.5	0.4	
9.5-10.0	0.4		
Brown fine sand and silt	10.0-10.5	0.5	SB-2-2
	10.5-11.0	0.5	
	11.0-11.5	0.5	
	11.5-12.0	0.5	
	12.0-12.5	0.5	
Tan coarse sand	12.5-13.0	0.5	
	13.0-13.5	0.5	
	13.5-14.0	0.5	
	14.0-14.5	0.5	
	14.5-15.0	0.5	

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-2/TW-1
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe
Site: 1676 Broadway	Driller: Ken and Harold
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/15/15	Drilling Equip: Geoprobe 5410
Total Boring Depth: 38 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Tan coarse sand with fine gravel	15.0-15.5	0.0	
	15.5-16.0	0.0	
	16.0-16.5	0.0	
	16.5-17.0	0.0	
	17.0-17.5	0.0	
	17.5-18.0	0.0	
	18.0-18.5	0.0	
Brown fine sand and silt	18.5-19.0	0.0	
	19.0-19.5	0.0	
Tan fine sand	19.5-20.0	0.0	
	20.0-20.5	0.0	
	20.5-21.0	0.0	
	21.0-21.5	0.0	
	21.5-22.0	0.0	
	22.0-22.5	0.0	
	22.5-23.0	0.0	
	23.0-23.5	0.0	
	23.5-24.0	0.0	
	24.0-24.5	0.0	
	24.5-25.0	0.0	
	25.0-25.5	0.0	
	25.5-26.0	0.0	
	26.0-26.5	0.0	
	26.5-27.0	0.0	
	27.0-27.5	0.0	
	27.5-28.0	0.0	
28.0-28.5	0.0		
28.5-29.0	0.0		
29.0-29.5	0.0		
29.5-30.0	0.0		

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-2/TW-1		
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe		
Site: 1676 Broadway	Driller: Ken and Harold		
Sampler: Bethany Schneider	Drilling Method: Geoprobe		
Date: 5/15/15	Drilling Equip: Geoprobe 5410		
Total Boring Depth: 38 feet	Static Water: Not Observed		
GEOLOGIC LOG			
	Depth (ft)	PID (ppm)	Sample Depth (ft)
Tan fine sand	30.0-30.5	0.0	
	30.5-31.0	0.0	
Brown fine sand	31.0-31.5	0.0	
	31.5-32.0	0.0	
	32.0-32.5	0.0	
	32.5-33.0	0.0	
	33.0-33.5	0.0	
	33.5-34.0	0.0	
	34.0-34.5	0.0	
	34.5-35.0	0.0	
	35.0-35.5	0.0	
Brown coarse sand with silt	35.5-36.0	0.0	
SAME, with gravel	36.0-36.5	0.0	
	36.5-37.0	0.0	
	37.0-37.5	0.0	
	37.5-38.0	0.0	
Boring Terminated at 38.0 feet below ground surface due to rock refusal.			

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: TW-1B
Project No.: 12245-01	Drilling Co.: Environmental Field Services
Site: 1676 Broadway	Driller: Tom Wysocki
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/28/15	Drilling Equip: 7822 DT
Total Boring Depth: 39 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown medium sand with some gravel	0.0-0.5	0.0	
	0.5-1.0	0.0	
	1.0-1.5	0.0	
	1.5-2.0	0.0	
	2.0-2.5	0.0	
	2.5-3.0	0.0	
	3.0-3.5	0.0	
	3.5-4.0	0.0	
	4.0-4.5	0.0	
Brown fine sand	4.5-5.0	0.0	
	5.0-5.5	0.0	
	5.5-6.0	0.0	
	6.0-6.5	0.0	
	6.5-7.0	0.0	
	7.0-7.5	0.0	
	7.5-8.0	0.0	
	8.0-8.5	0.0	
	8.5-9.0	0.0	
SAME	9.0-9.5	0.0	
	9.5-10.0	0.0	
	10.0-10.5	0.0	
	10.5-11.0	0.0	
	11.0-11.5	0.0	
	11.5-12.0	0.0	
	12.0-12.5	0.0	
	12.5-13.0	0.0	
	13.0-13.5	0.0	
13.5-14.0	0.0		
14.0-14.5	0.0		
14.5-15.0	0.0		

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: TW-1B
Project No.: 12245-01	Drilling Co.: Environmental Field Services
Site: 1676 Broadway	Driller: Tom Wysocki
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/28/15	Drilling Equip: 7822 DT
Total Boring Depth: 39 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Tan medium to coarse sand	15.0-15.5	0.0	
	15.5-16.0	0.0	
	16.0-16.5	0.0	
	16.5-17.0	0.0	
	17.0-17.5	0.0	
	17.5-18.0	0.0	
	18.0-18.5	0.0	
	18.5-19.0	0.0	
	19.0-19.5	0.0	
Tan fine to medium sand	19.5-20.0	0.0	
	20.0-20.5	0.0	
	20.5-21.0	0.0	
	21.0-21.5	0.0	
	21.5-22.0	0.0	
	22.0-22.5	0.0	
	22.5-23.0	0.0	
	23.0-23.5	0.0	
	23.5-24.0	0.0	
Tan medium to coarse sand	24.0-24.5	0.0	
	24.5-25.0	0.0	
	25.0-25.5	0.0	
	25.5-26.0	0.0	
	26.0-26.5	0.0	
	26.5-27.0	0.0	
	27.0-27.5	0.0	
	27.5-28.0	0.0	
	28.0-28.5	0.0	
28.5-29.0	0.0		
29.0-29.5	0.0		
29.5-30.0	0.0		

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: TW-1B
Project No.: 12245-01	Drilling Co.: Environmental Field Services
Site: 1676 Broadway	Driller: Tom Wysocki
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/28/15	Drilling Equip: 7822 DT
Total Boring Depth: 39 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
SAME	30.0-30.5	0.0	
	30.5-31.0	0.0	
	31.0-31.5	0.0	
	31.5-32.0	0.0	
	32.0-32.5	0.0	
	32.5-33.0	0.0	
	33.0-33.5	0.0	
	33.5-34.0	0.0	
	34.0-34.5	0.0	
	34.5-35.0	0.0	
	35.0-35.5	0.0	
	35.5-36.0	0.0	
	36.5-37.0	0.0	
	37.0-37.5	0.0	
	37.5-38.0	0.0	
38.0-38.5	0.0		
38.5-39.0	0.0		

Boring Terminated at 39.0 feet below ground surface due to rock refusal.

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: TW-1B
Project No.: 12245-01	Drilling Co.: Environmental Field Services
Site: 1676 Broadway	Driller: Tom Wysocki
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/28/15	Drilling Equip: 7822 DT
Total Boring Depth: 39 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Black fine to medium sand with some gravel	0.0-0.5	0.0	
	0.5-1.0	0.0	
	1.0-1.5	0.0	
	1.5-2.0	0.0	
	2.0-2.5	0.0	
	2.5-3.0	0.0	
	3.0-3.5	0.0	
	3.5-4.0	0.0	
	4.0-4.5	0.0	
Brown and Black clay with some gravel	4.5-5.0	0.0	
	5.0-5.5	0.0	
	5.5-6.0	0.0	
	6.0-6.5	0.0	
	6.5-7.0	0.0	
	7.0-7.5	0.0	
	7.5-8.0	0.0	
	8.0-8.5	0.0	
	8.5-9.0	0.0	
Brown silt and some clay	9.0-9.5	0.0	
	9.5-10.0	0.0	
	10.0-10.5	0.0	
	10.5-11.0	0.0	
	11.0-11.5	0.0	
	11.5-12.0	0.0	
	12.0-12.5	0.0	
	12.5-13.0	0.0	
	13.0-13.5	0.0	
13.5-14.0	0.0		
14.0-14.5	0.0		
14.5-15.0	0.0		

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: TW-1B
Project No.: 12245-01	Drilling Co.: Environmental Field Services
Site: 1676 Broadway	Driller: Tom Wysocki
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/28/15	Drilling Equip: 7822 DT
Total Boring Depth: 39 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown silt	15.0-15.5	0.0	
	15.5-16.0	0.0	
	16.0-16.5	0.0	
	16.5-17.0	0.0	
	17.0-17.5	0.0	
	17.5-18.0	0.0	
	18.0-18.5	0.0	
	18.5-19.0	0.0	
	19.0-19.5	0.0	
	19.5-20.0	0.0	
Tan fine sand	20.0-20.5	0.0	
	20.5-21.0	0.0	
	21.0-21.5	0.0	
	21.5-22.0	0.0	
	22.0-22.5	0.0	
	22.5-23.0	0.0	
	23.0-23.5	0.0	
	23.5-24.0	0.0	
	24.0-24.5	0.0	
	24.5-25.0	0.0	
Tan fine to medium sand	25.0-25.5	0.0	
	25.5-26.0	0.0	
	26.0-26.5	0.0	
	26.5-27.0	0.0	
	27.0-27.5	0.0	
	27.5-28.0	0.0	
	28.0-28.5	0.0	
	28.5-29.0	0.0	
	29.0-29.5	0.0	
29.5-30.0	0.0		

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: TW-1B
Project No.: 12245-01	Drilling Co.: Environmental Field Services
Site: 1676 Broadway	Driller: Tom Wysocki
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/28/15	Drilling Equip: 7822 DT
Total Boring Depth: 39 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
SAME	30.0-30.5	0.0	
	30.5-31.0	0.0	
	31.0-31.5	0.0	
	31.5-32.0	0.0	
	32.0-32.5	0.0	
	32.5-33.0	0.0	
	33.0-33.5	0.0	
	33.5-34.0	0.0	

Boring Terminated at 34.0 feet below ground surface due to rock refusal.

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-3
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe
Site: 1676 Broadway	Driller: Ken and Harold
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/15/15	Drilling Equip: Geoprobe 5410
Total Boring Depth: 12 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brick fragments	0.0-0.5	0.0	
Brown coarsze sand with some gravel	0.5-1.0	0.0	
	1.0-1.5	0.0	SB-3-1
	1.5-2.0	0.0	
	2.0-2.5	0.0	
	2.5-3.0	0.0	
Brown, silty-sand	3.0-3.5	0.0	
	3.5-4.0	0.0	
SAME	4.0-4.5	0.0	
	4.5-5.0	0.0	WC-2-1
	5.0-5.5	0.0	
Brown fine sand	5.5-6.0	0.0	
	6.0-6.5	0.0	
	6.5-7.0	0.0	
	7.0-7.5	0.0	
	7.5-8.0	0.0	
SAME	8.0-8.5	0.0	
	8.5-9.0	0.0	WC-4-1
	9.0-9.5	0.0	
	9.5-10.0	0.0	
Brown fine sand with silt	10.0-10.5	0.0	SB-3-2
	10.5-11.0	0.0	
	11.0-11.5	0.0	
	11.5-12.0	0.0	

Boring Terminated at 12.0 feet below ground surface.

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-4
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe
Site: 1676 Broadway	Driller: Ken and Harold
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/15/15	Drilling Equip: Geoprobe 5410
Total Boring Depth: 12 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown fine to coarse sand	0.0-0.5	0.0	WC-1-2
	0.5-1.0	0.0	
	1.0-1.5	0.0	
	1.5-2.0	0.0	
	2.0-2.5	0.0	
	2.5-3.0	0.0	
	3.0-3.5	0.0	
	3.5-4.0	0.0	
SAME	4.0-4.5	0.0	
	4.5-5.0	0.0	
	5.0-5.5	0.0	
Brown fine sand with gravel	5.5-6.0	0.0	WC-1-3
Tan coarse sand	6.0-6.5	0.0	
	6.5-7.0	0.0	
Tan medium sand	7.0-7.5	0.0	
	7.5-8.0	0.0	
	8.0-8.5	0.0	
Brown fine sand	8.5-9.0	0.0	WC-3-2
	9.0-9.5	0.0	WC-3 (VOCs)
Tan coarse sand	9.5-10.0	0.0	
SAME	10.0-10.5	0.0	
	10.5-11.0	0.0	WC-3-3
	11.0-11.5	0.0	
	11.5-12.0	0.0	

Boring Terminated at 12.0 feet below ground surface.

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-5
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe
Site: 1676 Broadway	Driller: Ken and Harold
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/15/15	Drilling Equip: Geoprobe 5410
Total Boring Depth: 12 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown fine sand	0.0-0.5	0.0	
	0.5-1.0	0.0	WC-2-2
	1.0-1.5	0.0	
	1.5-2.0	0.0	
	2.0-2.5	0.0	
	2.5-3.0	0.0	
	3.0-3.5	0.0	
	3.5-4.0	0.0	
Dark brown fine sand, little gravel	4.0-4.5	0.0	WC-2 (VOCs)
	4.5-5.0	0.0	
Brown fine sand	5.0-5.5	0.0	WC-2-3
	5.5-6.0	0.0	
	6.0-6.5	0.0	
	6.5-7.0	0.0	
Tan medium sand	7.0-7.5	0.0	
	7.5-8.0	0.0	
	8.0-8.5	0.0	WC-4-2
	8.5-9.0	0.0	
Brown fine sand and silt	9.0-9.5	0.0	
	9.5-10.0	0.0	
Tan coarse sand	10.0-10.5	0.0	
	10.5-11.0	0.0	
Brown fine sand	11.0-11.5	0.0	WC-4-3
	11.5-12.0	0.0	

Boring Terminated at 12.0 feet below ground surface.

SOIL BORING LOG

Project: 1676 Broadway	Boring No.: SB-6
Project No.: 12245-01	Drilling Co.: Forsight Enviroprobe
Site: 1676 Broadway	Driller: Ken and Harold
Sampler: Bethany Schneider	Drilling Method: Geoprobe
Date: 5/15/15	Drilling Equip: Geoprobe 5410
Total Boring Depth: 12 feet	Static Water: Not Observed

GEOLOGIC LOG	Depth (ft)	PID (ppm)	Sample Depth (ft)
Brown coarse sand with debris consisting of wood and asphalt fragments.	0.0-0.5	13.0	
	0.5-1.0	13.0	
	1.0-1.5	13.0	
	1.5-2.0	13.0	
	2.0-2.5	13.0	
	2.5-3.0	13.0	
	3.0-3.5	13.0	
Brown/red silt and clay	3.5-4.0	13.0	WC-2-4
	4.0-4.5	1.2	
SAME	4.5-5.0	1.2	
	5.0-5.5	1.2	
	5.5-6.0	1.2	
	6.0-6.5	1.2	WC-2-5
	6.5-7.0	1.2	
	7.0-7.5	1.2	
	7.5-8.0	1.2	
	8.0-8.5	1.2	
SAME	8.5-9.0	1.2	WC-4-4
	9.0-9.5	1.2	
	9.5-10.0	1.2	
	10.0-10.5	1.2	
	10.5-11.0	1.2	WC-4-5
SAME	11.0-11.5	1.2	WC-4 (VOCs)
	11.5-12.0	1.2	

Boring Terminated at 12.0 feet below ground surface.

Appendix 4

Laboratory Data Deliverables for Soil and Soil Vapor Analytical Data

Report of Analysis

Client Sample ID: SB-1-1	
Lab Sample ID: JB94847-1	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8260C	Percent Solids: 93.9
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204223.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.4	ug/kg	
71-43-2	Benzene	ND	0.53	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.17	ug/kg	
75-25-2	Bromoform	ND	5.3	0.25	ug/kg	
74-83-9	Bromomethane	ND	5.3	0.39	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.24	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.51	ug/kg	
67-66-3	Chloroform	ND	2.1	0.16	ug/kg	
74-87-3	Chloromethane	ND	5.3	0.28	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.34	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.22	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.13	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.24	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.38	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.83	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.25	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.19	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.17	ug/kg	
76-13-1	Freon 113	ND	5.3	0.48	ug/kg	
591-78-6	2-Hexanone	ND	5.3	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-1		
Lab Sample ID: JB94847-1		Date Sampled: 05/15/15
Matrix: SO - Soil		Date Received: 05/15/15
Method: SW846 8260C		Percent Solids: 93.9
Project: 1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	0.11	ug/kg	
79-20-9	Methyl Acetate	22.0	5.3	0.92	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.24	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.16	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	0.49	ug/kg	
75-09-2	Methylene chloride	4.4	5.3	1.0	ug/kg	J
100-42-5	Styrene	ND	2.1	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.32	ug/kg	
108-88-3	Toluene	ND	1.1	0.22	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.16	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.16	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.27	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.21	ug/kg	
	m,p-Xylene	ND	1.1	0.37	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.29	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-122%
17060-07-0	1,2-Dichloroethane-D4	99%		68-124%
2037-26-5	Toluene-D8	94%		77-125%
460-00-4	4-Bromofluorobenzene	93%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-1		
Lab Sample ID: JB94847-1		Date Sampled: 05/15/15
Matrix: SO - Soil		Date Received: 05/15/15
Method: SW846 8270D SW846 3546		Percent Solids: 93.9
Project: 1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101534.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	64	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	64	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	75	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	28	ug/kg	
95-48-7	2-Methylphenol	ND	69	45	ug/kg	
	3&4-Methylphenol	ND	69	38	ug/kg	
88-75-5	2-Nitrophenol	ND	170	31	ug/kg	
100-02-7	4-Nitrophenol	ND	340	100	ug/kg	
87-86-5	Pentachlorophenol	ND	170	83	ug/kg	
108-95-2	Phenol	ND	69	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	80	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	76	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	54	ug/kg	
83-32-9	Acenaphthene	17.9	34	6.9	ug/kg	J
208-96-8	Acenaphthylene	40.1	34	5.2	ug/kg	
98-86-2	Acetophenone	ND	170	11	ug/kg	
120-12-7	Anthracene	77.9	34	7.7	ug/kg	
1912-24-9	Atrazine	ND	69	20	ug/kg	
56-55-3	Benzo(a)anthracene	276	34	6.6	ug/kg	
50-32-8	Benzo(a)pyrene	280	34	8.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	356	34	6.8	ug/kg	
191-24-2	Benzo(g,h,i)perylene	178	34	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	120	34	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	13	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	6.8	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	7.8	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	31.2	69	7.7	ug/kg	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-1	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.9
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	21	ug/kg	
218-01-9	Chrysene	304	34	8.5	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	23	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	7.9	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	7.2	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	7.3	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	69	18	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	53.5	34	8.3	ug/kg	
132-64-9	Dibenzofuran	18.7	69	5.6	ug/kg	J
84-74-2	Di-n-butyl phthalate	102	69	9.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.5	ug/kg	
84-66-2	Diethyl phthalate	ND	69	8.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	355	69	11	ug/kg	
206-44-0	Fluoranthene	543	34	12	ug/kg	
86-73-7	Fluorene	26.5	34	26	ug/kg	J
118-74-1	Hexachlorobenzene	ND	69	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	185	34	11	ug/kg	
78-59-1	Isophorone	ND	69	5.9	ug/kg	
91-57-6	2-Methylnaphthalene	26.7	69	7.9	ug/kg	J
88-74-4	2-Nitroaniline	ND	170	16	ug/kg	
99-09-2	3-Nitroaniline	ND	170	11	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.5	ug/kg	
91-20-3	Naphthalene	39.4	34	5.1	ug/kg	
98-95-3	Nitrobenzene	ND	69	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	8.3	ug/kg	
85-01-8	Phenanthrene	275	34	7.3	ug/kg	
129-00-0	Pyrene	527	34	7.8	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	5.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-1	
Lab Sample ID: JB94847-1	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8270D SW846 3546	Percent Solids: 93.9
Project: 1676 Broadyway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	60%		27-119%
118-79-6	2,4,6-Tribromophenol	60%		17-158%
4165-60-0	Nitrobenzene-d5	70%		33-127%
321-60-8	2-Fluorobiphenyl	67%		41-121%
1718-51-0	Terphenyl-d14	72%		44-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-1	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.9
Method:	SW846 8081B SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56269.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.63	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.47	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.44	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.28	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.71	0.38	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.71	0.54	ug/kg	
60-57-1	Dieldrin	ND	0.71	0.56	ug/kg	
72-54-8	4,4'-DDD ^a	0.83	0.71	0.26	ug/kg	
72-55-9	4,4'-DDE	0.77	0.71	0.24	ug/kg	
50-29-3	4,4'-DDT	6.4	0.71	0.27	ug/kg	
72-20-8	Endrin	ND	0.71	0.25	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.40	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.53	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.23	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.67	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.58	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.71	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.37	ug/kg	
8001-35-2	Toxaphene	ND	18	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		10-129%
877-09-8	Tetrachloro-m-xylene	87%		10-129%
2051-24-3	Decachlorobiphenyl	92%		10-144%
2051-24-3	Decachlorobiphenyl	111%		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-1	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 93.9
Project: 1676 Broadway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	8200	53	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Antimony	< 2.1	2.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Arsenic	7.0	2.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Barium	117	21	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Beryllium	0.37	0.21	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cadmium	1.1	0.53	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Calcium	13400	530	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Chromium	20.9	1.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cobalt	6.8	5.3	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Copper	59.8	2.7	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Iron	23500	53	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Lead	274	2.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Magnesium	2990	530	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Manganese	316	1.6	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Mercury	0.28	0.032	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁵
Nickel	18.5	4.3	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Potassium	1260	1100	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Selenium	< 2.1	2.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Silver	< 0.53	0.53	mg/kg	1	05/20/15	05/21/15 ND	SW846 6010C ³	SW846 3050B ⁴
Sodium	< 1100	1100	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Thallium	< 1.1	1.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Vanadium	28.2	5.3	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Zinc	294	11	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Instrument QC Batch: MA36712

(4) Prep QC Batch: MP86567

(5) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID: SB-2-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-2	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 92.6
Method: SW846 8260C	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204224.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.17	ug/kg	
75-25-2	Bromoform	ND	5.4	0.25	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.39	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.25	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.25	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.52	ug/kg	
67-66-3	Chloroform	ND	2.2	0.16	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.28	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.34	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.59	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.22	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.13	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.24	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.39	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.26	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.19	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.18	ug/kg	
76-13-1	Freon 113	ND	5.4	0.48	ug/kg	
591-78-6	2-Hexanone	ND	5.4	1.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-2	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	92.6
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	0.11	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	0.93	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.25	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.17	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	0.50	ug/kg	
75-09-2	Methylene chloride	4.1	5.4	1.1	ug/kg	J
100-42-5	Styrene	ND	2.2	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.33	ug/kg	
108-88-3	Toluene	ND	1.1	0.22	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.16	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.16	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.27	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.21	ug/kg	
	m,p-Xylene	ND	1.1	0.38	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.30	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-122%
17060-07-0	1,2-Dichloroethane-D4	99%		68-124%
2037-26-5	Toluene-D8	89%		77-125%
460-00-4	4-Bromofluorobenzene	94%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-2	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 92.6
Method: SW846 8270D SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101523.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	32	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	67	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	66	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	78	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	29	ug/kg	
95-48-7	2-Methylphenol	ND	71	47	ug/kg	
	3&4-Methylphenol	ND	71	40	ug/kg	
88-75-5	2-Nitrophenol	ND	180	32	ug/kg	
100-02-7	4-Nitrophenol	ND	360	110	ug/kg	
87-86-5	Pentachlorophenol	ND	180	86	ug/kg	
108-95-2	Phenol	ND	71	23	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	83	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	79	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	56	ug/kg	
83-32-9	Acenaphthene	ND	36	7.2	ug/kg	
208-96-8	Acenaphthylene	ND	36	5.4	ug/kg	
98-86-2	Acetophenone	ND	180	11	ug/kg	
120-12-7	Anthracene	ND	36	8.0	ug/kg	
1912-24-9	Atrazine	ND	71	21	ug/kg	
56-55-3	Benzo(a)anthracene	ND	36	6.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	36	8.6	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	36	7.0	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	36	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	14	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	7.1	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.1	ug/kg	
106-47-8	4-Chloroaniline	ND	180	11	ug/kg	
86-74-8	Carbazole	ND	71	7.9	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-2	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	92.6
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	71	22	ug/kg	
218-01-9	Chrysene	ND	36	8.8	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	24	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	8.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	71	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	7.5	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	7.6	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	71	19	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	8.6	ug/kg	
132-64-9	Dibenzofuran	ND	71	5.8	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	9.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	8.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	7.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	12	ug/kg	
206-44-0	Fluoranthene	25.0	36	12	ug/kg	J
86-73-7	Fluorene	ND	36	27	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	13	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	36	11	ug/kg	
78-59-1	Isophorone	ND	71	6.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	71	8.2	ug/kg	
88-74-4	2-Nitroaniline	ND	180	17	ug/kg	
99-09-2	3-Nitroaniline	ND	180	12	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.8	ug/kg	
91-20-3	Naphthalene	ND	36	5.3	ug/kg	
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	9.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	8.6	ug/kg	
85-01-8	Phenanthrene	18.7	36	7.6	ug/kg	J
129-00-0	Pyrene	ND	36	8.1	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	6.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		22-121%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-1	
Lab Sample ID: JB94847-2	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8270D SW846 3546	Percent Solids: 92.6
Project: 1676 Broadway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	64%		27-119%
118-79-6	2,4,6-Tribromophenol	72%		17-158%
4165-60-0	Nitrobenzene-d5	70%		33-127%
321-60-8	2-Fluorobiphenyl	71%		41-121%
1718-51-0	Terphenyl-d14	87%		44-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-2	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	92.6
Method:	SW846 8081B SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56270.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.64	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.48	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.44	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.28	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.38	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.72	0.55	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.56	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.27	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.24	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.28	ug/kg	
72-20-8	Endrin	ND	0.72	0.25	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.41	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.53	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.24	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.68	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.59	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.30	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.40	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.38	ug/kg	
8001-35-2	Toxaphene	ND	18	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		10-129%
877-09-8	Tetrachloro-m-xylene	104%		10-129%
2051-24-3	Decachlorobiphenyl	94%		10-144%
2051-24-3	Decachlorobiphenyl	90%		10-144%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-2	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 92.6
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7390	54	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Antimony	< 2.2	2.2	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Arsenic	< 2.2	2.2	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Barium	24.1	22	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Beryllium	0.32	0.22	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Cadmium	< 0.54	0.54	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Calcium	956	540	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Chromium	14.6	1.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Cobalt	5.6	5.4	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Copper	10.1	2.7	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Iron	12300	54	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Lead	3.7	2.2	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Magnesium	2840	540	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Manganese	290	1.6	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Mercury	0.078	0.032	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁴
Nickel	12.3	4.3	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Potassium	< 1100	1100	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Selenium	< 2.2	2.2	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.54	0.54	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Vanadium	20.4	5.4	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³
Zinc	28.2	11	mg/kg	1	05/20/15	05/20/15 BS	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Prep QC Batch: MP86567

(4) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID:	SB-3-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-3	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204225.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.5	ug/kg	
71-43-2	Benzene	ND	0.57	0.15	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.18	ug/kg	
75-25-2	Bromoform	ND	5.7	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.7	0.41	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.26	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.54	ug/kg	
67-66-3	Chloroform	ND	2.3	0.17	ug/kg	
74-87-3	Chloromethane	ND	5.7	0.30	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.36	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.62	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.23	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.25	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.41	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.88	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.27	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.18	ug/kg	
76-13-1	Freon 113	ND	5.7	0.51	ug/kg	
591-78-6	2-Hexanone	ND	5.7	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-3	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	0.12	ug/kg	
79-20-9	Methyl Acetate	ND	5.7	0.97	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	0.26	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.17	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	0.52	ug/kg	
75-09-2	Methylene chloride	3.0	5.7	1.1	ug/kg	J
100-42-5	Styrene	ND	2.3	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.20	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.34	ug/kg	
108-88-3	Toluene	ND	1.1	0.24	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.17	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.28	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.22	ug/kg	
	m,p-Xylene	ND	1.1	0.40	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.31	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-122%
17060-07-0	1,2-Dichloroethane-D4	100%		68-124%
2037-26-5	Toluene-D8	90%		77-125%
460-00-4	4-Bromofluorobenzene	94%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-3	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101524.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	67	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	67	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	79	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	29	ug/kg	
95-48-7	2-Methylphenol	ND	72	47	ug/kg	
	3&4-Methylphenol	ND	72	40	ug/kg	
88-75-5	2-Nitrophenol	ND	180	33	ug/kg	
100-02-7	4-Nitrophenol	ND	360	110	ug/kg	
87-86-5	Pentachlorophenol	ND	180	87	ug/kg	
108-95-2	Phenol	ND	72	23	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	84	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	80	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	56	ug/kg	
83-32-9	Acenaphthene	ND	36	7.3	ug/kg	
208-96-8	Acenaphthylene	ND	36	5.4	ug/kg	
98-86-2	Acetophenone	ND	180	11	ug/kg	
120-12-7	Anthracene	ND	36	8.1	ug/kg	
1912-24-9	Atrazine	ND	72	21	ug/kg	
56-55-3	Benzo(a)anthracene	23.4	36	7.0	ug/kg	J
50-32-8	Benzo(a)pyrene	21.2	36	8.7	ug/kg	J
205-99-2	Benzo(b)fluoranthene	27.0	36	7.1	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	36	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	14	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	7.1	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.1	ug/kg	
106-47-8	4-Chloroaniline	ND	180	12	ug/kg	
86-74-8	Carbazole	ND	72	8.0	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3-1	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-3	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	23	ug/kg	
218-01-9	Chrysene	20.2	36	8.9	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	72	24	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	8.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	72	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	7.6	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	7.6	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	72	19	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	8.7	ug/kg	
132-64-9	Dibenzofuran	ND	72	5.8	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	72	9.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	72	8.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	7.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	72	12	ug/kg	
206-44-0	Fluoranthene	29.5	36	12	ug/kg	J
86-73-7	Fluorene	ND	36	27	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	9.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	14.3	36	11	ug/kg	J
78-59-1	Isophorone	ND	72	6.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	72	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	17	ug/kg	
99-09-2	3-Nitroaniline	ND	180	12	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.9	ug/kg	
91-20-3	Naphthalene	ND	36	5.3	ug/kg	
98-95-3	Nitrobenzene	ND	72	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	8.7	ug/kg	
85-01-8	Phenanthrene	14.6	36	7.7	ug/kg	J
129-00-0	Pyrene	31.9	36	8.1	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	6.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		22-121%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-1	
Lab Sample ID: JB94847-3	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8270D SW846 3546	Percent Solids: 88.4
Project: 1676 Broadway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	61%		27-119%
118-79-6	2,4,6-Tribromophenol	66%		17-158%
4165-60-0	Nitrobenzene-d5	69%		33-127%
321-60-8	2-Fluorobiphenyl	68%		41-121%
1718-51-0	Terphenyl-d14	82%		44-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-3	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 88.4
Method: SW846 8081B SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56271.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.66	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.49	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.29	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.73	0.39	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.73	0.56	ug/kg	
60-57-1	Dieldrin	ND	0.73	0.58	ug/kg	
72-54-8	4,4'-DDD	ND	0.73	0.27	ug/kg	
72-55-9	4,4'-DDE	ND	0.73	0.24	ug/kg	
50-29-3	4,4'-DDT	ND	0.73	0.28	ug/kg	
72-20-8	Endrin	ND	0.73	0.26	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.42	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.55	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.24	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.69	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.60	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.73	0.30	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.41	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.39	ug/kg	
8001-35-2	Toxaphene	ND	18	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		10-129%
877-09-8	Tetrachloro-m-xylene	69%		10-129%
2051-24-3	Decachlorobiphenyl	70%		10-144%
2051-24-3	Decachlorobiphenyl	68%		10-144%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-3	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 88.4
Method: SW846 8082A SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170973.D	1	05/21/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	12	ug/kg	
11104-28-2	Aroclor 1221	ND	37	22	ug/kg	
11141-16-5	Aroclor 1232	ND	37	12	ug/kg	
53469-21-9	Aroclor 1242	ND	37	17	ug/kg	
12672-29-6	Aroclor 1248	ND	37	11	ug/kg	
11097-69-1	Aroclor 1254	ND	37	16	ug/kg	
11096-82-5	Aroclor 1260	ND	37	15	ug/kg	
11100-14-4	Aroclor 1268	ND	37	11	ug/kg	
37324-23-5	Aroclor 1262	ND	37	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		14-139%
877-09-8	Tetrachloro-m-xylene	85%		14-139%
2051-24-3	Decachlorobiphenyl	82%		10-155%
2051-24-3	Decachlorobiphenyl	80%		10-155%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-1	Date Sampled: 05/15/15
Lab Sample ID: JB94847-3	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 88.4
Project: 1676 Broadway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	13400	58	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Antimony	< 2.3	2.3	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Arsenic	3.8	2.3	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Barium	27.4	23	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Beryllium	0.54	0.23	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cadmium	< 0.58	0.58	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Calcium	1060	580	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Chromium	21.0	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cobalt	7.8	5.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Copper	9.3	2.9	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Iron	19000	58	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Lead	7.3	2.3	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Magnesium	2140	580	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Manganese	305	1.7	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Mercury	0.061	0.036	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁵
Nickel	11.3	4.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Potassium	< 1200	1200	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Selenium	< 2.3	2.3	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Silver	< 0.58	0.58	mg/kg	1	05/20/15	05/21/15 ND	SW846 6010C ³	SW846 3050B ⁴
Sodium	< 1200	1200	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Thallium	< 1.2	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Vanadium	29.8	5.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Zinc	28.3	12	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Instrument QC Batch: MA36712

(4) Prep QC Batch: MP86567

(5) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID:	SB-1-2-DUP	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-4	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204226.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	61.5	11	2.4	ug/kg	
71-43-2	Benzene	ND	0.53	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.17	ug/kg	
75-25-2	Bromoform	ND	5.3	0.25	ug/kg	
74-83-9	Bromomethane	ND	5.3	0.39	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.25	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.51	ug/kg	
67-66-3	Chloroform	ND	2.1	0.16	ug/kg	
74-87-3	Chloromethane	ND	5.3	0.28	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.34	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.22	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.13	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.24	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.38	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.83	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.25	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.19	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.17	ug/kg	
76-13-1	Freon 113	ND	5.3	0.48	ug/kg	
591-78-6	2-Hexanone	ND	5.3	1.4	ug/kg	

ND = Not detected

MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2-DUP	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-4	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	0.11	ug/kg	
79-20-9	Methyl Acetate	ND	5.3	0.92	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.24	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.16	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	0.49	ug/kg	
75-09-2	Methylene chloride	2.1	5.3	1.0	ug/kg	J
100-42-5	Styrene	ND	2.1	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.32	ug/kg	
108-88-3	Toluene	ND	1.1	0.22	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.16	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.16	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.27	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.21	ug/kg	
	m,p-Xylene	ND	1.1	0.38	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.29	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-122%
17060-07-0	1,2-Dichloroethane-D4	93%		68-124%
2037-26-5	Toluene-D8	92%		77-125%
460-00-4	4-Bromofluorobenzene	97%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2-DUP	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-4	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101532.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	68	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	63	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	63	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	74	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	28	ug/kg	
95-48-7	2-Methylphenol	ND	68	44	ug/kg	
	3&4-Methylphenol	ND	68	38	ug/kg	
88-75-5	2-Nitrophenol	ND	170	31	ug/kg	
100-02-7	4-Nitrophenol	ND	340	100	ug/kg	
87-86-5	Pentachlorophenol	ND	170	82	ug/kg	
108-95-2	Phenol	ND	68	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	79	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	75	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	53	ug/kg	
83-32-9	Acenaphthene	ND	34	6.8	ug/kg	
208-96-8	Acenaphthylene	ND	34	5.1	ug/kg	
98-86-2	Acetophenone	ND	170	11	ug/kg	
120-12-7	Anthracene	55.7	34	7.6	ug/kg	
1912-24-9	Atrazine	ND	68	20	ug/kg	
56-55-3	Benzo(a)anthracene	85.9	34	6.5	ug/kg	
50-32-8	Benzo(a)pyrene	92.6	34	8.2	ug/kg	
205-99-2	Benzo(b)fluoranthene	107	34	6.7	ug/kg	
191-24-2	Benzo(g,h,i)perylene	59.1	34	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	45.1	34	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	68	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	68	13	ug/kg	
92-52-4	1,1'-Biphenyl	ND	68	6.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	68	7.6	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	18.4	68	7.5	ug/kg	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2-DUP	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-4	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	68	21	ug/kg	
218-01-9	Chrysene	97.6	34	8.3	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	68	23	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	68	7.8	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	68	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	68	7.1	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	7.2	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	68	18	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	14.3	34	8.2	ug/kg	J
132-64-9	Dibenzofuran	ND	68	5.5	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	68	9.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	68	8.4	ug/kg	
84-66-2	Diethyl phthalate	ND	68	8.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	68	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	68	11	ug/kg	
206-44-0	Fluoranthene	169	34	12	ug/kg	
86-73-7	Fluorene	ND	34	26	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	9.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	11	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	59.7	34	11	ug/kg	
78-59-1	Isophorone	ND	68	5.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	68	7.8	ug/kg	
88-74-4	2-Nitroaniline	ND	170	16	ug/kg	
99-09-2	3-Nitroaniline	ND	170	11	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.3	ug/kg	
91-20-3	Naphthalene	18.1	34	5.0	ug/kg	J
98-95-3	Nitrobenzene	ND	68	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	68	9.4	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	8.2	ug/kg	
85-01-8	Phenanthrene	122	34	7.2	ug/kg	
129-00-0	Pyrene	158	34	7.6	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	5.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		22-121%

ND = Not detected

MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2-DUP	
Lab Sample ID: JB94847-4	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8270D SW846 3546	Percent Solids: 93.8
Project: 1676 Broadway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	63%		27-119%
118-79-6	2,4,6-Tribromophenol	30%		17-158%
4165-60-0	Nitrobenzene-d5	76%		33-127%
321-60-8	2-Fluorobiphenyl	74%		41-121%
1718-51-0	Terphenyl-d14	75%		44-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2-DUP	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-4	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8081B SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56272.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.62	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.46	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.27	ug/kg	
58-89-9	gamma-BHC (Lindane) ^a	1.4	0.70	0.32	ug/kg	
5103-71-9	alpha-Chlordane ^a	5.5	0.70	0.37	ug/kg	
5103-74-2	gamma-Chlordane ^a	5.5	0.70	0.53	ug/kg	
60-57-1	Dieldrin	2.6	0.70	0.55	ug/kg	
72-54-8	4,4'-DDD	5.7	0.70	0.26	ug/kg	
72-55-9	4,4'-DDE	3.2	0.70	0.23	ug/kg	
50-29-3	4,4'-DDT	44.7	0.70	0.27	ug/kg	
72-20-8	Endrin	ND	0.70	0.25	ug/kg	
1031-07-8	Endosulfan sulfate ^a	1.7	0.70	0.40	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.52	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.23	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.66	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.57	ug/kg	
1024-57-3	Heptachlor epoxide ^a	1.0	0.70	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.37	ug/kg	
8001-35-2	Toxaphene	ND	17	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		10-129%
877-09-8	Tetrachloro-m-xylene	81%		10-129%
2051-24-3	Decachlorobiphenyl	95%		10-144%
2051-24-3	Decachlorobiphenyl	164% ^b		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Outside control limits due to matrix interference.

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2-DUP		
Lab Sample ID: JB94847-4		Date Sampled: 05/15/15
Matrix: SO - Soil		Date Received: 05/15/15
Method: SW846 8082A SW846 3546		Percent Solids: 93.8
Project: 1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170974.D	1	05/21/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	11	ug/kg	
11104-28-2	Aroclor 1221	ND	35	20	ug/kg	
11141-16-5	Aroclor 1232	ND	35	11	ug/kg	
53469-21-9	Aroclor 1242	ND	35	16	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	15	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	11	ug/kg	
37324-23-5	Aroclor 1262	ND	35	9.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		14-139%
877-09-8	Tetrachloro-m-xylene	99%		14-139%
2051-24-3	Decachlorobiphenyl	108%		10-155%
2051-24-3	Decachlorobiphenyl	103%		10-155%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2-DUP	Date Sampled: 05/15/15
Lab Sample ID: JB94847-4	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 93.8
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	8590	52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Antimony	2.7	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Arsenic	5.6	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Barium	151	21	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Beryllium	0.40	0.21	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Cadmium	1.9	0.52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Calcium	19700	520	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Chromium	22.3	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Cobalt	6.4	5.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Copper	56.0	2.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Iron	16900	52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Lead	717	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Magnesium	2760	520	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Manganese	331	1.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Mercury	0.42	0.033	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁴
Nickel	20.5	4.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Potassium	1130	1000	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.52	0.52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Vanadium	29.5	5.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Zinc	396	10	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Prep QC Batch: MP86567

(4) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID:	SB-3-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-5	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	79.6
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204227.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	2.8	ug/kg	
71-43-2	Benzene	ND	0.63	0.17	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.39	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.20	ug/kg	
75-25-2	Bromoform	ND	6.3	0.30	ug/kg	
74-83-9	Bromomethane	ND	6.3	0.46	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	0.29	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.29	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.19	ug/kg	
75-00-3	Chloroethane	ND	6.3	0.60	ug/kg	
67-66-3	Chloroform	ND	2.5	0.19	ug/kg	
74-87-3	Chloromethane	ND	6.3	0.33	ug/kg	
110-82-7	Cyclohexane	ND	2.5	0.40	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.68	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.26	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.28	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	0.45	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.75	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.22	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.20	ug/kg	
76-13-1	Freon 113	ND	6.3	0.56	ug/kg	
591-78-6	2-Hexanone	ND	6.3	1.7	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-5	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	79.6
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	0.13	ug/kg	
79-20-9	Methyl Acetate	ND	6.3	1.1	ug/kg	
108-87-2	Methylcyclohexane	ND	2.5	0.29	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	0.58	ug/kg	
75-09-2	Methylene chloride	4.2	6.3	1.2	ug/kg	J
100-42-5	Styrene	ND	2.5	0.22	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.38	ug/kg	
108-88-3	Toluene	ND	1.3	0.26	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.18	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.18	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.31	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.25	ug/kg	
	m,p-Xylene	ND	1.3	0.44	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.34	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-122%
17060-07-0	1,2-Dichloroethane-D4	94%		68-124%
2037-26-5	Toluene-D8	96%		77-125%
460-00-4	4-Bromofluorobenzene	90%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-5	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	79.6
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101525.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	75	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	74	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	87	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	200	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	200	33	ug/kg	
95-48-7	2-Methylphenol	ND	80	52	ug/kg	
	3&4-Methylphenol	ND	80	44	ug/kg	
88-75-5	2-Nitrophenol	ND	200	36	ug/kg	
100-02-7	4-Nitrophenol	ND	400	120	ug/kg	
87-86-5	Pentachlorophenol	ND	200	97	ug/kg	
108-95-2	Phenol	ND	80	26	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	94	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	88	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	62	ug/kg	
83-32-9	Acenaphthene	ND	40	8.1	ug/kg	
208-96-8	Acenaphthylene	ND	40	6.0	ug/kg	
98-86-2	Acetophenone	ND	200	13	ug/kg	
120-12-7	Anthracene	ND	40	9.0	ug/kg	
1912-24-9	Atrazine	ND	80	24	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	7.7	ug/kg	
50-32-8	Benzo(a)pyrene	ND	40	9.6	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	7.9	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	16	ug/kg	
92-52-4	1,1'-Biphenyl	ND	80	7.9	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	200	13	ug/kg	
86-74-8	Carbazole	ND	80	8.9	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-5	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	79.6
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	25	ug/kg	
218-01-9	Chrysene	ND	40	9.8	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	27	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	9.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	8.4	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	40	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	40	8.5	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	80	21	ug/kg	
123-91-1	1,4-Dioxane	ND	40	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	40	9.6	ug/kg	
132-64-9	Dibenzofuran	ND	80	6.5	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	80	11	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	9.9	ug/kg	
84-66-2	Diethyl phthalate	ND	80	9.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	8.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	13	ug/kg	
206-44-0	Fluoranthene	ND	40	14	ug/kg	
86-73-7	Fluorene	ND	40	30	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	15	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	13	ug/kg	
78-59-1	Isophorone	ND	80	6.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	80	9.2	ug/kg	
88-74-4	2-Nitroaniline	ND	200	19	ug/kg	
99-09-2	3-Nitroaniline	ND	200	13	ug/kg	
100-01-6	4-Nitroaniline	ND	200	11	ug/kg	
91-20-3	Naphthalene	ND	40	5.9	ug/kg	
98-95-3	Nitrobenzene	ND	80	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	9.6	ug/kg	
85-01-8	Phenanthrene	ND	40	8.5	ug/kg	
129-00-0	Pyrene	ND	40	9.0	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-2	
Lab Sample ID: JB94847-5	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8270D SW846 3546	Percent Solids: 79.6
Project: 1676 Broadway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	65%		27-119%
118-79-6	2,4,6-Tribromophenol	62%		17-158%
4165-60-0	Nitrobenzene-d5	74%		33-127%
321-60-8	2-Fluorobiphenyl	70%		41-121%
1718-51-0	Terphenyl-d14	79%		44-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-5	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 79.6
Method: SW846 8081B SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56273.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.80	0.71	ug/kg	
319-84-6	alpha-BHC	ND	0.80	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.80	0.49	ug/kg	
319-86-8	delta-BHC	ND	0.80	0.31	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.80	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.80	0.42	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.80	0.61	ug/kg	
60-57-1	Dieldrin	ND	0.80	0.62	ug/kg	
72-54-8	4,4'-DDD	ND	0.80	0.29	ug/kg	
72-55-9	4,4'-DDE	ND	0.80	0.26	ug/kg	
50-29-3	4,4'-DDT	ND	0.80	0.30	ug/kg	
72-20-8	Endrin	ND	0.80	0.28	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.80	0.45	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.80	0.59	ug/kg	
959-98-8	Endosulfan-I	ND	0.80	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.80	0.75	ug/kg	
76-44-8	Heptachlor	ND	0.80	0.65	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.80	0.33	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.44	ug/kg	
53494-70-5	Endrin ketone	ND	0.80	0.42	ug/kg	
8001-35-2	Toxaphene	ND	20	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		10-129%
877-09-8	Tetrachloro-m-xylene	80%		10-129%
2051-24-3	Decachlorobiphenyl	70%		10-144%
2051-24-3	Decachlorobiphenyl	64%		10-144%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-2		
Lab Sample ID: JB94847-5		Date Sampled: 05/15/15
Matrix: SO - Soil		Date Received: 05/15/15
Method: SW846 8082A SW846 3546		Percent Solids: 79.6
Project: 1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170975.D	1	05/21/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	13	ug/kg	
11104-28-2	Aroclor 1221	ND	40	23	ug/kg	
11141-16-5	Aroclor 1232	ND	40	13	ug/kg	
53469-21-9	Aroclor 1242	ND	40	18	ug/kg	
12672-29-6	Aroclor 1248	ND	40	12	ug/kg	
11097-69-1	Aroclor 1254	ND	40	18	ug/kg	
11096-82-5	Aroclor 1260	ND	40	17	ug/kg	
11100-14-4	Aroclor 1268	ND	40	12	ug/kg	
37324-23-5	Aroclor 1262	ND	40	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		14-139%
877-09-8	Tetrachloro-m-xylene	95%		14-139%
2051-24-3	Decachlorobiphenyl	79%		10-155%
2051-24-3	Decachlorobiphenyl	104%		10-155%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-5	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 79.6
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7190	50	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Antimony	< 2.0	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Arsenic	2.2	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Barium	33.7	20	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Beryllium	0.35	0.20	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cadmium	< 0.50	0.50	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Calcium	1280	500	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Chromium	18.0	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cobalt	6.3	5.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Copper	10.4	2.5	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Iron	17900	50	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Lead	6.4	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Magnesium	2120	500	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Manganese	431	1.5	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Mercury	< 0.040	0.040	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁵
Nickel	12.4	4.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Potassium	1030	1000	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Selenium	< 2.0	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Silver	< 0.50	0.50	mg/kg	1	05/20/15	05/21/15 ND	SW846 6010C ³	SW846 3050B ⁴
Sodium	< 1000	1000	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Thallium	< 1.0	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Vanadium	26.1	5.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Zinc	33.3	10	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Instrument QC Batch: MA36712

(4) Prep QC Batch: MP86567

(5) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID: SB-2-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-6	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.5
Method: SW846 8260C	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204228.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.6	ug/kg	
71-43-2	Benzene	ND	0.58	0.15	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.18	ug/kg	
75-25-2	Bromoform	ND	5.8	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.27	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.56	ug/kg	
67-66-3	Chloroform	ND	2.3	0.17	ug/kg	
74-87-3	Chloromethane	ND	5.8	0.30	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.37	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.24	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.26	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.42	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.16	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.68	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.69	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.28	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.19	ug/kg	
76-13-1	Freon 113	ND	5.8	0.52	ug/kg	
591-78-6	2-Hexanone	ND	5.8	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-6	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.5
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	0.12	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	0.99	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	0.26	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	0.53	ug/kg	
75-09-2	Methylene chloride	ND	5.8	1.1	ug/kg	
100-42-5	Styrene	ND	2.3	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.20	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.35	ug/kg	
108-88-3	Toluene	ND	1.2	0.24	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.17	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.29	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.23	ug/kg	
	m,p-Xylene	0.66	1.2	0.41	ug/kg	J
95-47-6	o-Xylene	ND	1.2	0.32	ug/kg	
1330-20-7	Xylene (total)	0.90	1.2	0.32	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-122%
17060-07-0	1,2-Dichloroethane-D4	98%		68-124%
2037-26-5	Toluene-D8	92%		77-125%
460-00-4	4-Bromofluorobenzene	93%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-6	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.5
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101526.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	33.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	64	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	63	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	75	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	28	ug/kg	
95-48-7	2-Methylphenol	ND	69	45	ug/kg	
	3&4-Methylphenol	ND	69	38	ug/kg	
88-75-5	2-Nitrophenol	ND	170	31	ug/kg	
100-02-7	4-Nitrophenol	ND	340	100	ug/kg	
87-86-5	Pentachlorophenol	ND	170	83	ug/kg	
108-95-2	Phenol	ND	69	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	80	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	76	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	54	ug/kg	
83-32-9	Acenaphthene	ND	34	6.9	ug/kg	
208-96-8	Acenaphthylene	ND	34	5.2	ug/kg	
98-86-2	Acetophenone	ND	170	11	ug/kg	
120-12-7	Anthracene	ND	34	7.7	ug/kg	
1912-24-9	Atrazine	ND	69	20	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	6.6	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	8.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	6.8	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	13	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	6.8	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	7.8	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	ND	69	7.6	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-6	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.5
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	21	ug/kg	
218-01-9	Chrysene	ND	34	8.4	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	23	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	7.9	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	69	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	7.2	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	7.3	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	69	18	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	8.3	ug/kg	
132-64-9	Dibenzofuran	ND	69	5.6	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	69	9.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	8.5	ug/kg	
84-66-2	Diethyl phthalate	ND	69	8.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	6.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	11	ug/kg	
206-44-0	Fluoranthene	ND	34	12	ug/kg	
86-73-7	Fluorene	ND	34	26	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	11	ug/kg	
78-59-1	Isophorone	ND	69	5.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	69	7.9	ug/kg	
88-74-4	2-Nitroaniline	ND	170	16	ug/kg	
99-09-2	3-Nitroaniline	ND	170	11	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.5	ug/kg	
91-20-3	Naphthalene	ND	34	5.1	ug/kg	
98-95-3	Nitrobenzene	ND	69	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	8.3	ug/kg	
85-01-8	Phenanthrene	ND	34	7.3	ug/kg	
129-00-0	Pyrene	ND	34	7.8	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	5.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-2	
Lab Sample ID: JB94847-6	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8270D SW846 3546	Percent Solids: 86.5
Project: 1676 Broadyway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	73%		27-119%
118-79-6	2,4,6-Tribromophenol	68%		17-158%
4165-60-0	Nitrobenzene-d5	81%		33-127%
321-60-8	2-Fluorobiphenyl	77%		41-121%
1718-51-0	Terphenyl-d14	86%		44-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-6	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.5
Method: SW846 8081B SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	4G56274.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472

Run #1	Initial Weight	Final Volume
Run #2	16.0 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.64	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.48	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.28	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.39	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.72	0.55	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.57	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.27	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.24	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.28	ug/kg	
72-20-8	Endrin	ND	0.72	0.26	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.41	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.54	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.24	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.68	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.59	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.30	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.40	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.38	ug/kg	
8001-35-2	Toxaphene	ND	18	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		10-129%
877-09-8	Tetrachloro-m-xylene	70%		10-129%
2051-24-3	Decachlorobiphenyl	63%		10-144%
2051-24-3	Decachlorobiphenyl	61%		10-144%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-6	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.5
Method: SW846 8082A SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170976.D	1	05/21/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	11	ug/kg	
11104-28-2	Aroclor 1221	ND	36	21	ug/kg	
11141-16-5	Aroclor 1232	ND	36	12	ug/kg	
53469-21-9	Aroclor 1242	ND	36	16	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	16	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		14-139%
877-09-8	Tetrachloro-m-xylene	87%		14-139%
2051-24-3	Decachlorobiphenyl	72%		10-155%
2051-24-3	Decachlorobiphenyl	73%		10-155%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-6	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.5
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	10400	60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Antimony	< 2.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Arsenic	< 2.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Barium	28.9	24	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Beryllium	0.45	0.24	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cadmium	< 0.60	0.60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Calcium	1000	600	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Chromium	29.4	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cobalt	7.1	6.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Copper	16.0	3.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Iron	17800	60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Lead	5.6	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Magnesium	3660	600	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Manganese	288	1.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Mercury	< 0.035	0.035	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁵
Nickel	17.0	4.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Potassium	< 1200	1200	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Selenium	< 2.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Silver	< 0.60	0.60	mg/kg	1	05/20/15	05/21/15 ND	SW846 6010C ³	SW846 3050B ⁴
Sodium	< 1200	1200	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Thallium	< 1.2	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Vanadium	29.3	6.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Zinc	42.0	12	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Instrument QC Batch: MA36712

(4) Prep QC Batch: MP86567

(5) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID:	SB-1-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-7	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204229.D	1	05/19/15	SJM	n/a	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.6	ug/kg	
71-43-2	Benzene	ND	0.58	0.15	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.18	ug/kg	
75-25-2	Bromoform	ND	5.8	0.27	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.27	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.56	ug/kg	
67-66-3	Chloroform	ND	2.3	0.17	ug/kg	
74-87-3	Chloromethane	ND	5.8	0.30	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.37	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.24	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.26	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.42	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.16	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.69	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.28	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.19	ug/kg	
76-13-1	Freon 113	ND	5.8	0.52	ug/kg	
591-78-6	2-Hexanone	ND	5.8	1.6	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-7	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	0.12	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	1.0	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	0.26	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	0.53	ug/kg	
75-09-2	Methylene chloride	ND	5.8	1.1	ug/kg	
100-42-5	Styrene	ND	2.3	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.20	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.35	ug/kg	
108-88-3	Toluene	ND	1.2	0.24	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.17	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.29	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.23	ug/kg	
	m,p-Xylene	ND	1.2	0.41	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.32	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.32	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-122%
17060-07-0	1,2-Dichloroethane-D4	100%		68-124%
2037-26-5	Toluene-D8	88%		77-125%
460-00-4	4-Bromofluorobenzene	92%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-7	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101533.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	32.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	32	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	66	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	66	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	77	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	29	ug/kg	
95-48-7	2-Methylphenol	ND	71	46	ug/kg	
	3&4-Methylphenol	ND	71	39	ug/kg	
88-75-5	2-Nitrophenol	ND	180	32	ug/kg	
100-02-7	4-Nitrophenol	ND	350	110	ug/kg	
87-86-5	Pentachlorophenol	ND	180	86	ug/kg	
108-95-2	Phenol	ND	71	23	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	83	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	78	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	55	ug/kg	
83-32-9	Acenaphthene	ND	35	7.2	ug/kg	
208-96-8	Acenaphthylene	24.0	35	5.3	ug/kg	J
98-86-2	Acetophenone	ND	180	11	ug/kg	
120-12-7	Anthracene	40.1	35	7.9	ug/kg	
1912-24-9	Atrazine	ND	71	21	ug/kg	
56-55-3	Benzo(a)anthracene	175	35	6.8	ug/kg	
50-32-8	Benzo(a)pyrene	175	35	8.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	222	35	7.0	ug/kg	
191-24-2	Benzo(g,h,i)perylene	116	35	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	83.4	35	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	14	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	7.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.0	ug/kg	
106-47-8	4-Chloroaniline	ND	180	11	ug/kg	
86-74-8	Carbazole	14.9	71	7.9	ug/kg	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-7	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8270D SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	71	22	ug/kg	
218-01-9	Chrysene	183	35	8.7	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	24	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	8.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	71	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	7.5	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	7.5	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	71	19	ug/kg	
123-91-1	1,4-Dioxane	ND	35	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	31.8	35	8.5	ug/kg	J
132-64-9	Dibenzofuran	14.6	71	5.7	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	71	9.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	12	ug/kg	
206-44-0	Fluoranthene	308	35	12	ug/kg	
86-73-7	Fluorene	ND	35	27	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	13	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	128	35	11	ug/kg	
78-59-1	Isophorone	ND	71	6.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	71	8.1	ug/kg	
88-74-4	2-Nitroaniline	ND	180	17	ug/kg	
99-09-2	3-Nitroaniline	ND	180	12	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.8	ug/kg	
91-20-3	Naphthalene	30.0	35	5.2	ug/kg	J
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	9.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	8.5	ug/kg	
85-01-8	Phenanthrene	140	35	7.5	ug/kg	
129-00-0	Pyrene	281	35	8.0	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	5.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		22-121%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-7	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.1
Method: SW846 8270D SW846 3546	
Project: 1676 Broadway, Brooklyn, NY	

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	55%		27-119%
118-79-6	2,4,6-Tribromophenol	41%		17-158%
4165-60-0	Nitrobenzene-d5	64%		33-127%
321-60-8	2-Fluorobiphenyl	64%		41-121%
1718-51-0	Terphenyl-d14	64%		44-137%

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-7	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.1
Method: SW846 8081B SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56275.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.66	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.49	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.29	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.74	0.39	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.74	0.56	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.58	ug/kg	
72-54-8	4,4'-DDD	1.1	0.74	0.27	ug/kg	
72-55-9	4,4'-DDE	ND	0.74	0.25	ug/kg	
50-29-3	4,4'-DDT	6.3	0.74	0.28	ug/kg	
72-20-8	Endrin	ND	0.74	0.26	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.74	0.42	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.55	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.24	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.70	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.61	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.31	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.41	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.39	ug/kg	
8001-35-2	Toxaphene	ND	18	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	109%		10-129%
877-09-8	Tetrachloro-m-xylene	109%		10-129%
2051-24-3	Decachlorobiphenyl	107%		10-144%
2051-24-3	Decachlorobiphenyl	125%		10-144%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2							
Lab Sample ID: JB94847-7					Date Sampled: 05/15/15		
Matrix: SO - Soil					Date Received: 05/15/15		
Method: SW846 8082A SW846 3546					Percent Solids: 86.1		
Project: 1676 Broadyway, Brooklyn, NY							

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170977.D	1	05/21/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	12	ug/kg	
11104-28-2	Aroclor 1221	ND	37	22	ug/kg	
11141-16-5	Aroclor 1232	ND	37	12	ug/kg	
53469-21-9	Aroclor 1242	ND	37	17	ug/kg	
12672-29-6	Aroclor 1248	ND	37	11	ug/kg	
11097-69-1	Aroclor 1254	ND	37	16	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	11	ug/kg	
37324-23-5	Aroclor 1262	ND	37	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	117%		14-139%
877-09-8	Tetrachloro-m-xylene	123%		14-139%
2051-24-3	Decachlorobiphenyl	106%		10-155%
2051-24-3	Decachlorobiphenyl	104%		10-155%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1-2	Date Sampled: 05/15/15
Lab Sample ID: JB94847-7	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 86.1
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	13100	60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Antimony	< 2.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Arsenic	3.2	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Barium	47.1	24	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Beryllium	0.56	0.24	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cadmium	< 0.60	0.60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Calcium	1040	600	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Chromium	29.9	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cobalt	9.0	6.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Copper	15.7	3.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Iron	23300	60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Lead	7.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Magnesium	3270	600	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Manganese	459	1.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Mercury	0.43	0.037	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁵
Nickel	16.8	4.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Potassium	1460	1200	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Selenium	< 2.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Silver	< 0.60	0.60	mg/kg	1	05/20/15	05/21/15 ND	SW846 6010C ³	SW846 3050B ⁴
Sodium	< 1200	1200	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Thallium	< 1.2	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Vanadium	34.6	6.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Zinc	45.3	12	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Instrument QC Batch: MA36712

(4) Prep QC Batch: MP86567

(5) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID:	TRIP BLANK	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-8	Date Received:	05/15/15
Matrix:	AQ - Trip Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3A141493.D	1	05/20/15	ZH	n/a	n/a	V3A6124
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.7	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-8	Date Received:	05/15/15
Matrix:	AQ - Trip Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	94%		73-122%
2037-26-5	Toluene-D8	98%		84-119%
460-00-4	4-Bromofluorobenzene	96%		78-117%

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-1-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-9		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	96.7
Method:	SW846 8260C SW846 5035			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204207.D	1	05/18/15	SJM	05/16/15 12:38	n/a	VI8205
Run #2							

Run #	Initial Weight
Run #1	3.8 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	3.0	ug/kg	
71-43-2	Benzene	ND	0.68	0.18	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	0.21	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.7	0.23	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.7	0.29	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.7	0.31	ug/kg	
108-90-7	Chlorobenzene	ND	2.7	0.21	ug/kg	
67-66-3	Chloroform	ND	2.7	0.20	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.21	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.81	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.81	ug/kg	
123-91-1	1,4-Dioxane	ND	170	21	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.22	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.21	ug/kg	
75-09-2	Methylene chloride	4.3	6.8	1.3	ug/kg	J
103-65-1	n-Propylbenzene	ND	2.7	0.31	ug/kg	
127-18-4	Tetrachloroethene	ND	2.7	0.41	ug/kg	
108-88-3	Toluene	0.45	1.4	0.28	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.7	0.20	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.20	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.27	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	ug/kg	
75-01-4	Vinyl chloride	ND	2.7	0.27	ug/kg	
	m,p-Xylene	ND	1.4	0.48	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.37	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-1-(1 THROUGH 5)	
Lab Sample ID: JB94847-9	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8260C SW846 5035	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-122%
17060-07-0	1,2-Dichloroethane-D4	102%		68-124%
2037-26-5	Toluene-D8	96%		77-125%
460-00-4	4-Bromofluorobenzene	94%		72-130%

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-1-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-9		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	96.7
Method:	SW846 8270D SW846 3546			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101527.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	67	44	ug/kg	
	3&4-Methylphenol	ND	67	37	ug/kg	
87-86-5	Pentachlorophenol	ND	170	82	ug/kg	
108-95-2	Phenol	ND	67	22	ug/kg	
83-32-9	Acenaphthene	ND	34	6.8	ug/kg	
208-96-8	Acenaphthylene	ND	34	5.1	ug/kg	
120-12-7	Anthracene	ND	34	7.5	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	6.5	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	8.1	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	6.6	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	11	ug/kg	
218-01-9	Chrysene	ND	34	8.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	8.1	ug/kg	
132-64-9	Dibenzofuran	ND	67	5.5	ug/kg	
206-44-0	Fluoranthene	ND	34	12	ug/kg	
86-73-7	Fluorene	ND	34	26	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	9.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	11	ug/kg	
91-20-3	Naphthalene	ND	34	5.0	ug/kg	
85-01-8	Phenanthrene	ND	34	7.2	ug/kg	
129-00-0	Pyrene	ND	34	7.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		22-121%
4165-62-2	Phenol-d5	54%		27-119%
118-79-6	2,4,6-Tribromophenol	54%		17-158%
4165-60-0	Nitrobenzene-d5	62%		33-127%
321-60-8	2-Fluorobiphenyl	60%		41-121%
1718-51-0	Terphenyl-d14	65%		44-137%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-1-(1 THROUGH 5)	
Lab Sample ID: JB94847-9	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8151 SW846 3550C	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA108252.D	1	05/19/15	VDT	05/19/15	OP84053	GOA3740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.4	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	23%		13-146%
19719-28-9	2,4-DCAA	23%		13-146%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-1-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-9	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 96.7
Method: SW846 8081B SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56276.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.63	0.57	ug/kg	
319-84-6	alpha-BHC	ND	0.63	0.42	ug/kg	
319-85-7	beta-BHC	ND	0.63	0.39	ug/kg	
319-86-8	delta-BHC	ND	0.63	0.25	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.63	0.29	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.63	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.63	0.50	ug/kg	
72-54-8	4,4'-DDD	ND	0.63	0.23	ug/kg	
72-55-9	4,4'-DDE	ND	0.63	0.21	ug/kg	
50-29-3	4,4'-DDT	ND	0.63	0.24	ug/kg	
72-20-8	Endrin	ND	0.63	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.63	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.63	0.21	ug/kg	
33213-65-9	Endosulfan-II	ND	0.63	0.60	ug/kg	
76-44-8	Heptachlor	ND	0.63	0.52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		10-129%
877-09-8	Tetrachloro-m-xylene	102%		10-129%
2051-24-3	Decachlorobiphenyl	88%		10-144%
2051-24-3	Decachlorobiphenyl	85%		10-144%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-1-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-9	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	96.7
Method:	SW846 8082A SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170978.D	1	05/21/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	32	10	ug/kg	
11104-28-2	Aroclor 1221	ND	32	19	ug/kg	
11141-16-5	Aroclor 1232	ND	32	10	ug/kg	
53469-21-9	Aroclor 1242	ND	32	14	ug/kg	
12672-29-6	Aroclor 1248	ND	32	9.7	ug/kg	
11097-69-1	Aroclor 1254	ND	32	14	ug/kg	
11096-82-5	Aroclor 1260	ND	32	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	119%		14-139%
877-09-8	Tetrachloro-m-xylene	122%		14-139%
2051-24-3	Decachlorobiphenyl	101%		10-155%
2051-24-3	Decachlorobiphenyl	114%		10-155%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-1-(1 THROUGH 5)	
Lab Sample ID: JB94847-9	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: NJDEP EPH SW846 3546	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4Z36380.D	2	05/20/15	RK	05/19/15	OP84071	G4Z1152
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	2.0 ml
Run #2		

NJDEP EPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	EPH (C9-C28)	240	13	8.4	mg/kg	
	EPH (> C28-C40)	188	13	8.4	mg/kg	
	Total EPH (C9-C40)	428	13	8.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		40-140%
3386-33-2	1-Chlorooctadecane	89%		40-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-1-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-9	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	96.7
Project:	1676 Broadyway, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 2.1	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Barium	24.3	21	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Beryllium	0.26	0.21	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Cadmium	< 0.52	0.52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Chromium	12.9	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Copper	7.9	2.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Lead	3.0	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Manganese	227	1.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Mercury	0.29	0.033	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁴
Nickel	9.0	4.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.52	0.52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Zinc	21.9	10	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Prep QC Batch: MP86567

(4) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID: WC-1-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-9	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.23	0.23	mg/kg	1	05/19/15 13:15	BS	SW846 9012 M/LCHAT
Redox Potential Vs H2	382		mv	1	05/18/15	SP	ASTM D1498-76M
Solids, Percent	96.7		%	1	05/18/15 17:00	RD	SM2540 G-97
pH	9.31		su	1	05/18/15	SP	SW846 9045C,D

Report of Analysis

Client Sample ID: WC-1-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-9A	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Barium	< 1.0	D005	100	1.0	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Lead	< 0.50	D008	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/19/15	05/19/15 MA	SW846 7470A ¹	SW846 7470A ³
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Silver	< 0.050	D011	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA36686

(2) Instrument QC Batch: MA36690

(3) Prep QC Batch: MP86518

(4) Prep QC Batch: MP86538

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6/96)

Report of Analysis

Client Sample ID:	WC-2-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-10		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	84.6
Method:	SW846 8260C SW846 5035			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204208.D	1	05/18/15	SJM	05/16/15 12:38	n/a	VI8205
Run #2							

Run #	Initial Weight
Run #1	3.5 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	17	3.8	ug/kg	
71-43-2	Benzene	ND	0.84	0.22	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	3.2	ug/kg	
104-51-8	n-Butylbenzene	ND	3.4	0.25	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.4	0.29	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.4	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.4	0.39	ug/kg	
108-90-7	Chlorobenzene	ND	3.4	0.26	ug/kg	
67-66-3	Chloroform	ND	3.4	0.25	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.27	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.38	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.23	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	1.0	ug/kg	
123-91-1	1,4-Dioxane	ND	210	27	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	0.28	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.26	ug/kg	
75-09-2	Methylene chloride	5.8	8.4	1.7	ug/kg	J
103-65-1	n-Propylbenzene	ND	3.4	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	3.4	0.51	ug/kg	
108-88-3	Toluene	0.50	1.7	0.35	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	3.4	0.25	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.25	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.4	0.34	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.4	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	3.4	0.33	ug/kg	
	m,p-Xylene	ND	1.7	0.59	ug/kg	
95-47-6	o-Xylene	ND	1.7	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	0.46	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-2-(1 THROUGH 5)	
Lab Sample ID: JB94847-10	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8260C SW846 5035	Percent Solids: 84.6
Project: 1676 Broadyway, Brooklyn, NY	

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-122%
17060-07-0	1,2-Dichloroethane-D4	103%		68-124%
2037-26-5	Toluene-D8	93%		77-125%
460-00-4	4-Bromofluorobenzene	94%		72-130%

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-2-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-10		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	84.6
Method:	SW846 8270D SW846 3546			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101528.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.5 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	75	49	ug/kg	
	3&4-Methylphenol	ND	75	42	ug/kg	
87-86-5	Pentachlorophenol	ND	190	91	ug/kg	
108-95-2	Phenol	ND	75	24	ug/kg	
83-32-9	Acenaphthene	ND	38	7.6	ug/kg	
208-96-8	Acenaphthylene	ND	38	5.7	ug/kg	
120-12-7	Anthracene	ND	38	8.4	ug/kg	
56-55-3	Benzo(a)anthracene	ND	38	7.2	ug/kg	
50-32-8	Benzo(a)pyrene	ND	38	9.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	38	7.4	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	38	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	38	12	ug/kg	
218-01-9	Chrysene	ND	38	9.2	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	38	9.0	ug/kg	
132-64-9	Dibenzofuran	ND	75	6.1	ug/kg	
206-44-0	Fluoranthene	21.2	38	13	ug/kg	J
86-73-7	Fluorene	ND	38	28	ug/kg	
118-74-1	Hexachlorobenzene	ND	75	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	38	12	ug/kg	
91-20-3	Naphthalene	ND	38	5.6	ug/kg	
85-01-8	Phenanthrene	ND	38	8.0	ug/kg	
129-00-0	Pyrene	24.0	38	8.5	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	61%		22-121%
4165-62-2	Phenol-d5	61%		27-119%
118-79-6	2,4,6-Tribromophenol	58%		17-158%
4165-60-0	Nitrobenzene-d5	71%		33-127%
321-60-8	2-Fluorobiphenyl	68%		41-121%
1718-51-0	Terphenyl-d14	74%		44-137%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-2-(1 THROUGH 5)	
Lab Sample ID: JB94847-10	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8151 SW846 3550C	Percent Solids: 84.6
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA108253.D	1	05/19/15	VDT	05/19/15	OP84053	GOA3740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.0 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.7	1.1	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
19719-28-9	2,4-DCAA	50%		13-146%		
19719-28-9	2,4-DCAA	14%		13-146%		

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-2-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-10	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	84.6
Method:	SW846 8081B SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56277.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.79	0.70	ug/kg	
319-84-6	alpha-BHC	ND	0.79	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.79	0.49	ug/kg	
319-86-8	delta-BHC	ND	0.79	0.31	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.79	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.79	0.42	ug/kg	
60-57-1	Dieldrin	ND	0.79	0.62	ug/kg	
72-54-8	4,4'-DDD	ND	0.79	0.29	ug/kg	
72-55-9	4,4'-DDE	ND	0.79	0.26	ug/kg	
50-29-3	4,4'-DDT	ND	0.79	0.30	ug/kg	
72-20-8	Endrin	ND	0.79	0.28	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.79	0.45	ug/kg	
959-98-8	Endosulfan-I	ND	0.79	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.79	0.75	ug/kg	
76-44-8	Heptachlor	ND	0.79	0.65	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		10-129%
877-09-8	Tetrachloro-m-xylene	79%		10-129%
2051-24-3	Decachlorobiphenyl	72%		10-144%
2051-24-3	Decachlorobiphenyl	73%		10-144%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-2-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-10	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	84.6
Method:	SW846 8082A SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170979.D	1	05/22/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	13	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	13	ug/kg	
53469-21-9	Aroclor 1242	ND	39	18	ug/kg	
12672-29-6	Aroclor 1248	ND	39	12	ug/kg	
11097-69-1	Aroclor 1254	ND	39	17	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		14-139%
877-09-8	Tetrachloro-m-xylene	95%		14-139%
2051-24-3	Decachlorobiphenyl	82%		10-155%
2051-24-3	Decachlorobiphenyl	81%		10-155%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-2-(1 THROUGH 5)	
Lab Sample ID: JB94847-10	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: NJDEP EPH SW846 3546	Percent Solids: 84.6
Project: 1676 Broadyway, Brooklyn, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4Z36383.D	1	05/20/15	RK	05/19/15	OP84071	G4Z1152
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	2.0 ml
Run #2		

NJDEP EPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	EPH (C9-C28)	27.7	7.9	5.0	mg/kg	
	EPH (> C28-C40)	77.8	7.9	5.0	mg/kg	
	Total EPH (C9-C40)	106	7.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	110%		40-140%
3386-33-2	1-Chlorooctadecane	106%		40-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-2-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-10	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	84.6
Project:	1676 Broadyway, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	4.2	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Barium	108	24	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Beryllium	0.53	0.24	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Cadmium	0.63	0.60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Chromium	21.6	1.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Copper	29.3	3.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Lead	220	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Manganese	432	1.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Mercury	0.21	0.037	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁴
Nickel	14.1	4.8	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Selenium	< 2.4	2.4	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.60	0.60	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Zinc	240	12	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Prep QC Batch: MP86567

(4) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID: WC-2-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-10	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 84.6
Project: 1676 Broadyway, Brooklyn, NY	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.25	0.25	mg/kg	1	05/19/15 13:16	BS	SW846 9012 M/LCHAT
Redox Potential Vs H2	407		mv	1	05/18/15	SP	ASTM D1498-76M
Solids, Percent	84.6		%	1	05/18/15 17:00	RD	SM2540 G-97
pH	7.99		su	1	05/18/15	SP	SW846 9045C,D

Report of Analysis

Client Sample ID: WC-2-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-10A	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 84.6
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Barium	< 1.0	D005	100	1.0	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Lead	< 0.50	D008	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/19/15	05/19/15 MA	SW846 7470A ¹	SW846 7470A ³
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Silver	< 0.050	D011	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴

- (1) Instrument QC Batch: MA36686
- (2) Instrument QC Batch: MA36690
- (3) Prep QC Batch: MP86518
- (4) Prep QC Batch: MP86538

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	WC-3-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-11		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	96.7
Method:	SW846 8260C SW846 5035			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204209.D	1	05/18/15	SJM	05/16/15 12:38	n/a	VI8205
Run #2							

Run #	Initial Weight
Run #1	3.6 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	3.2	ug/kg	
71-43-2	Benzene	ND	0.72	0.19	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.9	0.22	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.9	0.24	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.9	0.30	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.9	0.33	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	0.22	ug/kg	
67-66-3	Chloroform	ND	2.9	0.21	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.85	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.85	ug/kg	
123-91-1	1,4-Dioxane	ND	180	23	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.23	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.22	ug/kg	
75-09-2	Methylene chloride	2.7	7.2	1.4	ug/kg	J
103-65-1	n-Propylbenzene	ND	2.9	0.33	ug/kg	
127-18-4	Tetrachloroethene	ND	2.9	0.43	ug/kg	
108-88-3	Toluene	0.39	1.4	0.30	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.9	0.21	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.21	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	0.29	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	0.27	ug/kg	
75-01-4	Vinyl chloride	ND	2.9	0.28	ug/kg	
	m,p-Xylene	ND	1.4	0.51	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.39	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-3-(1 THROUGH 5)	
Lab Sample ID: JB94847-11	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8260C SW846 5035	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-122%
17060-07-0	1,2-Dichloroethane-D4	103%		68-124%
2037-26-5	Toluene-D8	97%		77-125%
460-00-4	4-Bromofluorobenzene	92%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-3-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-11		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	96.7
Method:	SW846 8270D SW846 3546			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101529.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.6 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	65	43	ug/kg	
	3&4-Methylphenol	ND	65	36	ug/kg	
87-86-5	Pentachlorophenol	ND	160	79	ug/kg	
108-95-2	Phenol	ND	65	21	ug/kg	
83-32-9	Acenaphthene	ND	33	6.6	ug/kg	
208-96-8	Acenaphthylene	ND	33	4.9	ug/kg	
120-12-7	Anthracene	ND	33	7.3	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	6.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	7.9	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	6.4	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	10	ug/kg	
218-01-9	Chrysene	ND	33	8.1	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	7.9	ug/kg	
132-64-9	Dibenzofuran	ND	65	5.3	ug/kg	
206-44-0	Fluoranthene	ND	33	11	ug/kg	
86-73-7	Fluorene	ND	33	25	ug/kg	
118-74-1	Hexachlorobenzene	ND	65	8.7	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	10	ug/kg	
91-20-3	Naphthalene	ND	33	4.8	ug/kg	
85-01-8	Phenanthrene	ND	33	7.0	ug/kg	
129-00-0	Pyrene	ND	33	7.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		22-121%
4165-62-2	Phenol-d5	68%		27-119%
118-79-6	2,4,6-Tribromophenol	67%		17-158%
4165-60-0	Nitrobenzene-d5	76%		33-127%
321-60-8	2-Fluorobiphenyl	72%		41-121%
1718-51-0	Terphenyl-d14	78%		44-137%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-3-(1 THROUGH 5)	
Lab Sample ID: JB94847-11	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8151 SW846 3550C	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA108254.D	1	05/19/15	VDT	05/19/15	OP84053	GOA3740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.6 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.1	0.92	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	70%		13-146%
19719-28-9	2,4-DCAA	55%		13-146%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-3-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-11	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	96.7
Method:	SW846 8081B SW846 3546		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56278.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2	4G56373.D	10	05/21/15	RK	05/19/15	OP84043	G4G1474

Run #	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2	16.0 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.65	0.58	ug/kg	
319-84-6	alpha-BHC	ND	0.65	0.43	ug/kg	
319-85-7	beta-BHC	ND	0.65	0.40	ug/kg	
319-86-8	delta-BHC	ND	0.65	0.25	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.65	0.29	ug/kg	
5103-71-9	alpha-Chlordane	14.9	0.65	0.34	ug/kg	
60-57-1	Dieldrin	5.0	0.65	0.51	ug/kg	
72-54-8	4,4'-DDD	8.3	0.65	0.24	ug/kg	
72-55-9	4,4'-DDE	11.8	0.65	0.22	ug/kg	
50-29-3	4,4'-DDT	90.9 ^a	6.5	2.5	ug/kg	
72-20-8	Endrin	ND	0.65	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.65	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.65	0.21	ug/kg	
33213-65-9	Endosulfan-II	ND	0.65	0.61	ug/kg	
76-44-8	Heptachlor	ND	0.65	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%	107%	10-129%
877-09-8	Tetrachloro-m-xylene	89%	109%	10-129%
2051-24-3	Decachlorobiphenyl	92%	127%	10-144%
2051-24-3	Decachlorobiphenyl	155% ^b	147% ^b	10-144%

(a) Result is from Run# 2

(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-3-(1 THROUGH 5)	
Lab Sample ID: JB94847-11	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8082A SW846 3546	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170984.D	1	05/22/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	32	10	ug/kg	
11104-28-2	Aroclor 1221	ND	32	19	ug/kg	
11141-16-5	Aroclor 1232	ND	32	11	ug/kg	
53469-21-9	Aroclor 1242	ND	32	15	ug/kg	
12672-29-6	Aroclor 1248	ND	32	9.9	ug/kg	
11097-69-1	Aroclor 1254	ND	32	14	ug/kg	
11096-82-5	Aroclor 1260	ND	32	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	115%		14-139%
877-09-8	Tetrachloro-m-xylene	119%		14-139%
2051-24-3	Decachlorobiphenyl	124%		10-155%
2051-24-3	Decachlorobiphenyl	102%		10-155%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-3-(1 THROUGH 5)	
Lab Sample ID: JB94847-11	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: NJDEP EPH SW846 3546	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4Z36385.D	2	05/20/15	RK	05/19/15	OP84071	G4Z1152
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	2.0 ml
Run #2		

NJDEP EPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	EPH (C9-C28)	83.9	13	8.2	mg/kg	
	EPH (> C28-C40)	163	13	8.2	mg/kg	
	Total EPH (C9-C40)	247	13	8.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		40-140%
3386-33-2	1-Chlorooctadecane	83%		40-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-3-(1 THROUGH 5)	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-11	Date Received:	05/15/15
Matrix:	SO - Soil	Percent Solids:	96.7
Project:	1676 Broadyway, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 2.1	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Barium	< 21	21	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Beryllium	< 0.21	0.21	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Cadmium	< 0.52	0.52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Chromium	5.7	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Copper	5.6	2.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Lead	4.4	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Manganese	229	1.6	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Mercury	0.24	0.033	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁴
Nickel	6.5	4.2	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.52	0.52	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³
Zinc	29.5	10	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA36698

(2) Instrument QC Batch: MA36700

(3) Prep QC Batch: MP86567

(4) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID: WC-3-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-11	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.23	0.23	mg/kg	1	05/19/15 13:17	BS	SW846 9012 M/LCHAT
Redox Potential Vs H2	341		mv	1	05/18/15	SP	ASTM D1498-76M
Solids, Percent	96.7		%	1	05/18/15 17:00	RD	SM2540 G-97
pH	9.41		su	1	05/18/15	SP	SW846 9045C,D

Report of Analysis

Client Sample ID: WC-3-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-11A	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 96.7
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Barium	< 1.0	D005	100	1.0	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Lead	< 0.50	D008	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/19/15	05/19/15 MA	SW846 7470A ¹	SW846 7470A ³
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Silver	< 0.050	D011	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴

- (1) Instrument QC Batch: MA36686
- (2) Instrument QC Batch: MA36690
- (3) Prep QC Batch: MP86518
- (4) Prep QC Batch: MP86538

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	WC-4-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-12		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	76.8
Method:	SW846 8260C SW846 5035			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I204232.D	1	05/19/15	SJM	05/16/15 12:38	n/a	VI8206
Run #2							

Run #	Initial Weight
Run #1	5.7 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	14.9	11	2.6	ug/kg	
71-43-2	Benzene	ND	0.57	0.15	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.17	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.19	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.26	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.18	ug/kg	
67-66-3	Chloroform	ND	2.3	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.26	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.68	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.89	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.68	ug/kg	
123-91-1	1,4-Dioxane	ND	140	18	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.17	ug/kg	
75-09-2	Methylene chloride	1.9	5.7	1.1	ug/kg	J
103-65-1	n-Propylbenzene	ND	2.3	0.26	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.34	ug/kg	
108-88-3	Toluene	0.36	1.1	0.24	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.17	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.17	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.23	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.23	ug/kg	
	m,p-Xylene	ND	1.1	0.40	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.31	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.31	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	
Lab Sample ID: JB94847-12	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8260C SW846 5035	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-122%
17060-07-0	1,2-Dichloroethane-D4	100%		68-124%
2037-26-5	Toluene-D8	93%		77-125%
460-00-4	4-Bromofluorobenzene	91%		72-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WC-4-(1 THROUGH 5)		Date Sampled:	05/15/15
Lab Sample ID:	JB94847-12		Date Received:	05/15/15
Matrix:	SO - Soil		Percent Solids:	76.8
Method:	SW846 8270D SW846 3546			
Project:	1676 Broadyway, Brooklyn, NY			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z101530.D	1	05/20/15	LK	05/18/15	OP84017	EZ5061
Run #2							

Run #	Initial Weight	Final Volume
Run #1	32.1 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	81	53	ug/kg	
	3&4-Methylphenol	ND	81	45	ug/kg	
87-86-5	Pentachlorophenol	ND	200	98	ug/kg	
108-95-2	Phenol	ND	81	26	ug/kg	
83-32-9	Acenaphthene	ND	41	8.2	ug/kg	
208-96-8	Acenaphthylene	ND	41	6.1	ug/kg	
120-12-7	Anthracene	ND	41	9.1	ug/kg	
56-55-3	Benzo(a)anthracene	ND	41	7.8	ug/kg	
50-32-8	Benzo(a)pyrene	ND	41	9.8	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	41	8.0	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	41	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	41	13	ug/kg	
218-01-9	Chrysene	ND	41	10	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	41	9.8	ug/kg	
132-64-9	Dibenzofuran	ND	81	6.6	ug/kg	
206-44-0	Fluoranthene	ND	41	14	ug/kg	
86-73-7	Fluorene	ND	41	31	ug/kg	
118-74-1	Hexachlorobenzene	ND	81	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	41	13	ug/kg	
91-20-3	Naphthalene	ND	41	6.0	ug/kg	
85-01-8	Phenanthrene	ND	41	8.6	ug/kg	
129-00-0	Pyrene	ND	41	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	59%		22-121%
4165-62-2	Phenol-d5	58%		27-119%
118-79-6	2,4,6-Tribromophenol	57%		17-158%
4165-60-0	Nitrobenzene-d5	64%		33-127%
321-60-8	2-Fluorobiphenyl	60%		41-121%
1718-51-0	Terphenyl-d14	61%		44-137%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	
Lab Sample ID: JB94847-12	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8151 SW846 3550C	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA108255.D	1	05/19/15	VDT	05/19/15	OP84053	GOA3740
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.6 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	4.2	1.2	ug/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
19719-28-9	2,4-DCAA	16%		13-146%		
19719-28-9	2,4-DCAA	15%		13-146%		

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-12	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 76.8
Method: SW846 8081B SW846 3546	
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G56279.D	1	05/19/15	RK	05/19/15	OP84043	G4G1472
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.87	0.77	ug/kg	
319-84-6	alpha-BHC	ND	0.87	0.58	ug/kg	
319-85-7	beta-BHC	ND	0.87	0.54	ug/kg	
319-86-8	delta-BHC	ND	0.87	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.87	0.39	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.87	0.46	ug/kg	
60-57-1	Dieldrin	ND	0.87	0.68	ug/kg	
72-54-8	4,4'-DDD	ND	0.87	0.32	ug/kg	
72-55-9	4,4'-DDE	ND	0.87	0.29	ug/kg	
50-29-3	4,4'-DDT	ND	0.87	0.33	ug/kg	
72-20-8	Endrin	ND	0.87	0.31	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.87	0.49	ug/kg	
959-98-8	Endosulfan-I	ND	0.87	0.29	ug/kg	
33213-65-9	Endosulfan-II	ND	0.87	0.82	ug/kg	
76-44-8	Heptachlor	ND	0.87	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		10-129%
877-09-8	Tetrachloro-m-xylene	76%		10-129%
2051-24-3	Decachlorobiphenyl	70%		10-144%
2051-24-3	Decachlorobiphenyl	66%		10-144%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	
Lab Sample ID: JB94847-12	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: SW846 8082A SW846 3546	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX170985.D	1	05/22/15	JR	05/19/15	OP84041	GXX5354
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	43	14	ug/kg	
11104-28-2	Aroclor 1221	ND	43	26	ug/kg	
11141-16-5	Aroclor 1232	ND	43	14	ug/kg	
53469-21-9	Aroclor 1242	ND	43	20	ug/kg	
12672-29-6	Aroclor 1248	ND	43	13	ug/kg	
11097-69-1	Aroclor 1254	ND	43	19	ug/kg	
11096-82-5	Aroclor 1260	ND	43	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		14-139%
877-09-8	Tetrachloro-m-xylene	109%		14-139%
2051-24-3	Decachlorobiphenyl	93%		10-155%
2051-24-3	Decachlorobiphenyl	125%		10-155%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	
Lab Sample ID: JB94847-12	Date Sampled: 05/15/15
Matrix: SO - Soil	Date Received: 05/15/15
Method: NJDEP EPH SW846 3546	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4Z36386.D	1	05/20/15	RK	05/19/15	OP84071	G4Z1152
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	2.0 ml
Run #2		

NJDEP EPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	EPH (C9-C28)	ND	8.7	5.5	mg/kg	
	EPH (> C28-C40)	ND	8.7	5.5	mg/kg	
	Total EPH (C9-C40)	ND	8.7	5.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		40-140%
3386-33-2	1-Chlorooctadecane	80%		40-140%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

MDL = Method Detection Limit
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-12	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.4	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Barium	35.7	20	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Beryllium	0.42	0.20	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Cadmium	< 0.50	0.50	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Chromium	22.4	1.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Copper	11.2	2.5	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Lead	5.1	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Manganese	359	1.5	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Mercury	< 0.040	0.040	mg/kg	1	05/21/15	05/21/15 JW	SW846 7471B ²	SW846 7471B ⁵
Nickel	14.1	4.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Selenium	< 2.0	2.0	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴
Silver	< 0.50	0.50	mg/kg	1	05/20/15	05/21/15 ND	SW846 6010C ³	SW846 3050B ⁴
Zinc	36.1	10	mg/kg	1	05/20/15	05/21/15 BS	SW846 6010C ¹	SW846 3050B ⁴

- (1) Instrument QC Batch: MA36698
- (2) Instrument QC Batch: MA36700
- (3) Instrument QC Batch: MA36712
- (4) Prep QC Batch: MP86567
- (5) Prep QC Batch: MP86593

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-12	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.32	0.32	mg/kg	1	05/19/15 13:18	BS	SW846 9012 M/LCHAT
Redox Potential Vs H2	380		mv	1	05/18/15	SP	ASTM D1498-76M
Solids, Percent	76.8		%	1	05/18/15 17:00	RD	SM2540 G-97
pH	9.15		su	1	05/18/15	SP	SW846 9045C,D

Report of Analysis

Client Sample ID: WC-4-(1 THROUGH 5)	Date Sampled: 05/15/15
Lab Sample ID: JB94847-12A	Date Received: 05/15/15
Matrix: SO - Soil	Percent Solids: 76.8
Project: 1676 Broadyway, Brooklyn, NY	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Barium	< 1.0	D005	100	1.0	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Cadmium	< 0.025	D006	1.0	0.025	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Lead	< 0.50	D008	5.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/19/15	05/19/15 MA	SW846 7470A ¹	SW846 7470A ³
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴
Silver	< 0.050	D011	5.0	0.050	mg/l	5	05/18/15	05/19/15 KK	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA36686

(2) Instrument QC Batch: MA36690

(3) Prep QC Batch: MP86518

(4) Prep QC Batch: MP86538

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6/96)

Report of Analysis

Client Sample ID:	SV-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-13	Date Received:	05/15/15
Matrix:	AIR - Air Summa ID: A1195	Percent Solids:	n/a
Method:	TO-15		
Project:	1676 Broadyway, Brooklyn, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W11589.D	1.52	05/16/15	ML	n/a	n/a	V5W456
Run #2	5W11602.D	1.52	05/16/15	ML	n/a	n/a	V5W456

Run #	Initial Volume
Run #1	152 ml
Run #2	20.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	589 ^a	6.1	0.96	ppbv		1400 ^a	14	2.3	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.12	ppbv		ND	1.8	0.27	ug/m3
71-43-2	78.11	Benzene	2.1	0.80	0.12	ppbv		6.7	2.6	0.38	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.13	ppbv		ND	5.4	0.87	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.082	ppbv		ND	8.3	0.85	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.087	ppbv		ND	3.1	0.34	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.081	ppbv		ND	3.5	0.35	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.10	ppbv		ND	4.1	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.13	ppbv		ND	3.7	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.086	ppbv		ND	2.1	0.23	ug/m3
67-66-3	119.4	Chloroform	1.0	0.80	0.12	ppbv		4.9	3.9	0.59	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.12	ppbv		ND	1.7	0.25	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.13	ppbv		ND	4.1	0.67	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.098	ppbv		ND	5.0	0.62	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.13	ppbv		ND	2.8	0.45	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.12	ppbv		ND	3.2	0.49	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.14	ppbv		ND	6.1	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.20	ppbv		ND	3.7	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.25	ppbv		ND	2.9	0.90	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	1.3	0.80	0.15	ppbv		6.4	4.0	0.74	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.17	ppbv		ND	6.8	1.4	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.081	ppbv		ND	3.2	0.32	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.099	ppbv		ND	3.2	0.39	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.14	ppbv		ND	3.6	0.64	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.12	ppbv		ND	4.8	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.077	ppbv		ND	4.8	0.46	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.082	ppbv		ND	3.6	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-2	Date Sampled:	05/15/15
Lab Sample ID:	JB94847-13	Date Received:	05/15/15
Matrix:	AIR - Air Summa ID: A1195	Percent Solids:	n/a
Method:	TO-15		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	12.6	2.0	0.66	ppbv		23.7	3.8	1.2	ug/m3
100-41-4	106.2	Ethylbenzene	4.0	0.80	0.19	ppbv		17	3.5	0.83	ug/m3
141-78-6	88	Ethyl Acetate	2.4	0.80	0.25	ppbv		8.6	2.9	0.90	ug/m3
622-96-8	120.2	4-Ethyltoluene	1.5	0.80	0.088	ppbv		7.4	3.9	0.43	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.10	ppbv		ND	5.6	0.70	ug/m3
142-82-5	100.2	Heptane	1.3	0.80	0.12	ppbv		5.3	3.3	0.49	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.13	ppbv		ND	8.5	1.4	ug/m3
110-54-3	86.17	Hexane	1.3	0.80	0.11	ppbv		4.6	2.8	0.39	ug/m3
591-78-6	100	2-Hexanone	3.0	0.80	0.18	ppbv		12	3.3	0.74	ug/m3
67-63-0	60.1	Isopropyl Alcohol	4.4	0.80	0.48	ppbv		11	2.0	1.2	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.54	ppbv		ND	2.8	1.9	ug/m3
78-93-3	72.11	Methyl ethyl ketone	23.7	0.80	0.19	ppbv		69.9	2.4	0.56	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.11	ppbv		ND	3.3	0.45	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.10	ppbv		ND	2.9	0.36	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.12	ppbv		ND	3.3	0.49	ug/m3
115-07-1	42	Propylene	12.0	2.0	0.32	ppbv		20.6	3.4	0.55	ug/m3
100-42-5	104.1	Styrene	0.87	0.80	0.10	ppbv		3.7	3.4	0.43	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.13	ppbv		ND	4.4	0.71	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	0.82	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.14	ppbv		ND	4.4	0.76	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.18	ppbv		ND	5.9	1.3	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	6.3	0.80	0.092	ppbv		31	3.9	0.45	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.7	0.80	0.12	ppbv		8.4	3.9	0.59	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.085	ppbv		ND	3.7	0.40	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	5.9	0.80	0.20	ppbv		18	2.4	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	4.5	0.16	0.095	ppbv		31	1.1	0.64	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.17	ppbv		ND	2.4	0.50	ug/m3
108-88-3	92.14	Toluene	14.1	0.80	0.081	ppbv		53.1	3.0	0.31	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.10	ppbv		ND	0.86	0.54	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.87	0.80	0.081	ppbv		4.9	4.5	0.46	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	0.33	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.22	ppbv		ND	2.8	0.77	ug/m3
	106.2	m,p-Xylene	16.6	0.80	0.17	ppbv		72.1	3.5	0.74	ug/m3
95-47-6	106.2	o-Xylene	6.0	0.80	0.10	ppbv		26	3.5	0.43	ug/m3
1330-20-7	106.2	Xylenes (total)	22.6	0.80	0.10	ppbv		98.2	3.5	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%	101%	65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2		Date Sampled: 05/15/15
Lab Sample ID: JB94847-13		Date Received: 05/15/15
Matrix: AIR - Air	Summa ID: A1195	Percent Solids: n/a
Method: TO-15		
Project: 1676 Broadyway, Brooklyn, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(a) Result is from Run# 2

<p>ND = Not detected</p> <p>RL = Reporting Limit</p> <p>E = Indicates value exceeds calibration range</p>	<p>MDL = Method Detection Limit</p>	<p>J = Indicates an estimated value</p> <p>B = Indicates analyte found in associated method blank</p> <p>N = Indicates presumptive evidence of a compound</p>
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Sample Summary

PT Consultants

Job No: JB95615

1676 Broadyway, Brooklyn, NY
Project No: 12245-01

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
JB95615-1	05/28/15	13:15 BNS	05/28/15	AIR Soil Vapor Comp.	SV-1

Report of Analysis

Client Sample ID: SV-1		
Lab Sample ID: JB95615-1		Date Sampled: 05/28/15
Matrix: AIR - Soil Vapor Comp. Summa ID: A280		Date Received: 05/28/15
Method: TO-15		Percent Solids: n/a
Project: 1676 Broadyway, Brooklyn, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W47825.D	1	05/29/15	YMH	n/a	n/a	V3W1817
Run #2							

Run #1	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	154	0.80	0.13	ppbv		366	1.9	0.31	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.12	ppbv		ND	1.8	0.27	ug/m3
71-43-2	78.11	Benzene	7.6	0.80	0.12	ppbv		24	2.6	0.38	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.13	ppbv		ND	5.4	0.87	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.082	ppbv		ND	8.3	0.85	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.087	ppbv		ND	3.1	0.34	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.081	ppbv		ND	3.5	0.35	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.10	ppbv		ND	4.1	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	1.1	0.80	0.11	ppbv		3.4	2.5	0.34	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.13	ppbv		ND	3.7	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.086	ppbv		ND	2.1	0.23	ug/m3
67-66-3	119.4	Chloroform	1.8	0.80	0.12	ppbv		8.8	3.9	0.59	ug/m3
74-87-3	50.49	Chloromethane	4.6	0.80	0.12	ppbv		9.5	1.7	0.25	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.13	ppbv		ND	4.1	0.67	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.098	ppbv		ND	5.0	0.62	ug/m3
110-82-7	84.16	Cyclohexane	1.8	0.80	0.13	ppbv		6.2	2.8	0.45	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.12	ppbv		ND	3.2	0.49	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.14	ppbv		ND	6.1	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.10	ppbv		ND	3.2	0.40	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.20	ppbv		ND	3.7	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.25	ppbv		ND	2.9	0.90	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	1.3	0.80	0.15	ppbv		6.4	4.0	0.74	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.17	ppbv		ND	6.8	1.4	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.081	ppbv		ND	3.2	0.32	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.099	ppbv		ND	3.2	0.39	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.14	ppbv		ND	3.6	0.64	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.12	ppbv		ND	4.8	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.077	ppbv		ND	4.8	0.46	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.082	ppbv		ND	3.6	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-1	Date Sampled:	05/28/15
Lab Sample ID:	JB95615-1	Date Received:	05/28/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A280	Percent Solids:	n/a
Method:	TO-15		
Project:	1676 Broadyway, Brooklyn, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	24.3	2.0	0.66	ppbv		45.8	3.8	1.2	ug/m3
100-41-4	106.2	Ethylbenzene	5.5	0.80	0.19	ppbv		24	3.5	0.83	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.25	ppbv		ND	2.9	0.90	ug/m3
622-96-8	120.2	4-Ethyltoluene	2.5	0.80	0.088	ppbv		12	3.9	0.43	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.11	ppbv		ND	6.1	0.84	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.10	ppbv		ND	5.6	0.70	ug/m3
142-82-5	100.2	Heptane	1.6	0.80	0.12	ppbv		6.6	3.3	0.49	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.13	ppbv		ND	8.5	1.4	ug/m3
110-54-3	86.17	Hexane	3.2	0.80	0.11	ppbv		11	2.8	0.39	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
67-63-0	60.1	Isopropyl Alcohol	44.2	0.80	0.48	ppbv		109	2.0	1.2	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.54	ppbv		ND	2.8	1.9	ug/m3
78-93-3	72.11	Methyl ethyl ketone	6.7	0.80	0.19	ppbv		20	2.4	0.56	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	2.4	0.80	0.11	ppbv		9.8	3.3	0.45	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.10	ppbv		ND	2.9	0.36	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.12	ppbv		ND	3.3	0.49	ug/m3
115-07-1	42	Propylene	44.6	2.0	0.32	ppbv		76.6	3.4	0.55	ug/m3
100-42-5	104.1	Styrene	1.1	0.80	0.10	ppbv		4.7	3.4	0.43	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.13	ppbv		ND	4.4	0.71	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	0.82	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.14	ppbv		ND	4.4	0.76	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.18	ppbv		ND	5.9	1.3	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	6.9	0.80	0.092	ppbv		34	3.9	0.45	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.9	0.80	0.12	ppbv		9.3	3.9	0.59	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	9.2	0.80	0.085	ppbv		43	3.7	0.40	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	6.7	0.80	0.20	ppbv		20	2.4	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.68	0.16	0.095	ppbv		4.6	1.1	0.64	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.17	ppbv		ND	2.4	0.50	ug/m3
108-88-3	92.14	Toluene	34.6	0.80	0.081	ppbv		130	3.0	0.31	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.10	ppbv		ND	0.86	0.54	ug/m3
75-69-4	137.4	Trichlorofluoromethane	4.2	0.80	0.081	ppbv		24	4.5	0.46	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	0.33	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.22	ppbv		ND	2.8	0.77	ug/m3
	106.2	m,p-Xylene	23.6	0.80	0.17	ppbv		103	3.5	0.74	ug/m3
95-47-6	106.2	o-Xylene	8.6	0.80	0.10	ppbv		37	3.5	0.43	ug/m3
1330-20-7	106.2	Xylenes (total)	32.1	0.80	0.10	ppbv		139	3.5	0.43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking #

Billing Order Control #

PAGE 1 OF 1

Lab Quote #

Lab Job #

RP-5/15/2015-13
JB95615

Client / Reporting Information						Weather Parameters					Requested Analysis						
Company Name PT CONSULTANTS			Project Name 1676 BROADWAY			Temperature (Fahrenheit)					Requested Analysis						
Address 629 CREEK RD			Street 1676 BROADWAY			Start: 80° Maximum:											
City BELLMAWR State NY Zip 08031			City BROOKLYN State NY			Stop: 82° Minimum:											
Project Contact BRAD SUMMERSVILLE E-mail			Project # 12245-01			Atmospheric Pressure (inches of Hg)											
Phone # 856 251 9980 Fax #			Client Purchase Order #			Start: Maximum:					Standard TO-15 Reporting List						
Sampler(s) Name(s) BETHANY SCHNEIDER						Stop: Minimum:											
						Other weather comment:											
Lab Sample #	Field ID / Point of Collection	Air Type		Sampling Equipment Info		Start Sampling Information					Stop Sampling Information						
		Indoor(I) Soil Vap(SV) Ambient(A)	Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.		
-1	SV-1	SV	4928	6	FC965	5/28/15	11:53	30		BNS	5/28/15	13:15	7		BNS	✓	
						Data Deliverable Information					Comments / Remarks						
Standard - 15 Days						All NJ DEP TO-15 is mandatory Full T1					Summa						
10 Day						Comm A											
5 Day <i>Standard</i>						Comm B											
3 Day						Reduced T2											
2 Day						Full T1											
1 Day						Other:											
Other																	
Sample Custody must be documented below each time sample changes possession, including courier delivery.																	
Relinquished by Laboratory	Date/Time	Received By	Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By
1 <i>Ray Mancoske</i>	5/28/15 11:30	<i>[Signature]</i>	<i>[Signature]</i>	5/28/15 11:30	<i>[Signature]</i>	<i>[Signature]</i>	5/28/15 11:30	<i>[Signature]</i>	<i>[Signature]</i>	5/28/15 11:30	<i>[Signature]</i>	<i>[Signature]</i>	5/28/15 11:30	<i>[Signature]</i>	<i>[Signature]</i>	5/28/15 11:30	<i>[Signature]</i>
3 <i>Bethany Schneider</i>	5/28/15 16:10	3 <i>Jane Duan</i>	3 <i>[Signature]</i>	5/28/15 16:10	3 <i>[Signature]</i>	3 <i>[Signature]</i>	5/28/15 16:10	3 <i>[Signature]</i>	3 <i>[Signature]</i>	5/28/15 16:10	3 <i>[Signature]</i>	3 <i>[Signature]</i>	5/28/15 16:10	3 <i>[Signature]</i>	3 <i>[Signature]</i>	5/28/15 16:10	3 <i>[Signature]</i>
5		5	4		5	4		5	4		5	4		5	4		5
						Custody Seal #					None						

JB95615: Chain of Custody

Page 1 of 2



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB95615 **Client:** _____ **Project:** _____
Date / Time Received: 5/28/2015 4:10:00 PM **Delivery Method:** _____ **Airbill #s:** _____

Cooler Temps (Raw Measured) °C: _____

Cooler Temps (Corrected) °C: _____

- Cooler Security**
- | | Y or N | | Y or N |
|---------------------------|--|-----------------------|--|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> <input type="checkbox"/> | 4. Smp/ Dates/Time OK | <input checked="" type="checkbox"/> <input type="checkbox"/> |

- Cooler Temperature**
- | | Y or N |
|------------------------------|--|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Cooler temp verification: | _____ |
| 3. Cooler media: | _____ |
| 4. No. Coolers: | 0 |

- Quality Control Preservation**
- | | Y | or | N | N/A |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- Sample Integrity - Documentation**
- | | Y | or | N |
|--|-------------------------------------|--------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- Sample Integrity - Condition**
- | | Y | or | N |
|----------------------------------|-------------------------------------|--------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | | |

- Sample Integrity - Instructions**
- | | Y | or | N | N/A |
|---|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments